



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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Flash Tips

We have lots of flashes to report this week, beginning with a repeat of the news of an upcoming DX test:

20 February 1984 --- Monday

WHND-560 in Monroe, MI, will test 0230-0330 EST with 500 watts, some or all of which will be nondirectional. Test will include oldies, march music, and/or sweep tones. Send reports to Fred Vobbe, WHND, 5305 Vineyard Drive, Monroe, MI 48161. (info via Frank Merrill)

In local news: KGDN-630 had planned to go fulltime in April, but vandals felled one of the towers for their nighttime array, so their plans have been delayed by a few months (no, it wasn't one of us). From Jef Jaisun & Pete Taylor: KASY-1210 in Auburn, WA began 24 hour operation 1/30; they are currently running 2.5 days, 1 kw nights, but have the okay to boost to 10 kw days just as soon as their new transmitter arrives (probably in late February)... From Herman Plew: KSLY-1400 in San Luis Obispo, CA moved to FM on Feb. 1, while their sister station KUNA moved from FM to 1400 with a beautiful music format. Also, KATY-1340 in San Luis Obispo has been silent since July 1983 due to "financial difficulties"... From Niel Wolfish: CHIN-1540 in Toronto will go 24 hours soon... From Glenn Hauser: WIVK-850 in Knoxville changed calls to WHIG on Jan 30, but will retain its country music format... also from Jef Jaisun: KSEM-1470, Moses Lake, WA, has applied to change calls to KBSN (which probably stands for Basin, the region they're in is called the Columbia Basin)... From Rob Harrington: unfortunately, KIMN-950 will not have any silent periods in conjunction with their move to new studios (at least they aren't planning on any). The switch will take place at 0600 local time on a Monday morning in March or April... Finally, from Frank Aden, KYXI-1520 near Portland, OR, will drop all-news in favor of something else, if they haven't already made the change.

Odds and Ends

Dajay Imports will begin carrying the Martens loop antenna soon. The price will be \$95.00, including shipping. An initial order has been placed and delivery is expected shortly. After that, delivery will be from stock. They are in the process of preparing a detailed instruction manual on how to use it, replacing the much briefer instructions that come with the antenna. Their address is Dajay Imports, 450 South Lafayette Park Place, Suite 115, Los Angeles, CA 90057. Phone is 213-487-3387.

Dont forget to:

1. Vote for the convention site of your choice, Toledo or Louisville. The ballot was in last week's DX Monitor.
2. Send in a forum for the anniversary issue. See EDXF/WDXF for deadline information.
3. DX once in a while and report your loggings to DX Roundup and DX Worldwide.

We have several items on hand for future issues including a Broadcasting Information column, a couple more multipage technical articles by Mark Connelly, and a receiver review or two, all coming soon to a DX Monitor near you.

EASTERN DX FORUM

(215) 368-8067

RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Reports from members living east of the Mississippi River
Deadlines: Fridays. Anniversary Issue: March 9, 1984

Bill Townshend, 4500 Connecticut Ave NW, Apt. 901, Washington, DC 20008
(202) 966-8046. Greetings from "Hog Heaven". Redskins all the way!
They may keep the NFL title by the time this hits print. (Nope!-rce)
Greg Monti ran a WADXA GTG at his Arlington, Va. pad on Sat. 12/3 with
ten others including yours truly (the only other BCB DXer) attending.
One of the Attendees, Mark Berman, visited my DX shack a week later and
looked over my rigs, especially the DX-160 and Patrolman CB-8, but he
was interested in (and bought) a surplus LW-MW-SW rig (belaid) which I
bought in London, England in 1966 but seldom use. I monitor Wx Cx on
the LW band of the DX-160. Speaking of Wx, I had 3 deg. F (0 def. F on
my window thermometer) on Christmas morning with wind chill of -40 deg.
Super Bowl town and elsewhere in Florida really got stung with the citrus
crops shot to blue blazes. I may go to the West Indies for the rest of
the winter and miss prime DX times, hi. Only 63 more days of snow, cold,
and winter winds and time at the dials and log-padding until Spring
equinox, at which time I may take my Sony rig to the repair shop as there
is an intermittent loose connection in the audio circuit after only two
years but continuous use in those two years. I want to get the rig ready
for the FM DX season this spring and summer. Meanwhile, I'll fall back
on the old standby, the 12-655 TRF, which has been in the repair shop
only once in the six years that I've had the Rx. That was because of a
worn-out dial cord, thus making "earballing" necessary. Attention oldies
fans, Bob Smith, alias Wolfman Jack, is back on the air live on KRLA-1110
(ex-KIXI), working the overnight shift (0000-0500 PST), the "Pilot of
the Airwaves" (Charlie Dorg song) like WNEW-1130's Martin Bloch on the
"Milkman's Matinee". Enough for now. 73, and good DX.

Jody Hughes, 13720 Gulf Boulevard, Apt. 401, Madeira Beach, Florida 33708
Well, DX has gotten off to a rather slow start so far in 1984. I've
managed 8 stations, mostly Cubans (they get easier to hear all the time,
hi). Expecting some new gear in next week; a modified R-1000 and Radio
West loop from Radio West. Can't wait to try 'em out! A long awaited
improvement over the DX-160 that has seen me through the last 10 years.
My altaz is still waiting for a few parts and I'm rrying to figure a way
to set up a longwire here on the 4th floor. Does anyone know of any
cordless headphones currently on the market? My cord always seems to be
in the wrong place at the wrong time. Good DX and 73.

Ted Fleischaker, 3023 Tremont Drive, Louisville, Kentucky 40205

Just a few lines in Forum form to tell foks that in spite of what
some may say, Louisville will also do a bang up job with IRCA '84 so
hope we'll get the nod! Busy time here, as have been working two jobs--
cable TV and WUOL-FM. Have had little DX time, but did note that WSAC,
Ft. Knox has been sold and both AM and FM will be split up with AM likely
going to owners of WQXE-FM, in nearby Elizabethtown, Ky. Format is up
for grabs but will keep you posted! Local paper did a great feature on
daytime radio--including photos and interviews at WCND, Shelbyville, site
of a 1980 IRCA convention tour! They still have the same manager even,
hi! More later but remember to VOTE Louisville! Still looking for a
Japanese tape trader, so write if you're either (Japanese or a trader,
hi!) 73... (Slightly reworded--rce)

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

Ted, I'm not sure very many knew about Louisville's bid for the
1984 IRCA Convention until the 1/14/84 DX Monitor turned up in their
mailbox. I know that I didn't. Nobody had bothered to mention it in
Forum reports. I know Louisville could also do a decent job as they have
proved it in the past. For myself, Toledo is much easier to get to, if,
indeed, I am able to get to the convention this year, which I doubt.
Toledo is almost 160 miles closer to me than Louisville. Don Moore, I
got the Mexican papers alright. Please let me know what I owe you so I
can send it on to your mother. That's it for this week. Oh, yes, I like
the idea of Forum topics which Doug Pifer mentioned in the 1/21/84 DXM;
I would, however, like the Publishing Committee to choose the topics and
announce them in advance so both Forum sections could be coordinated
together. The first should be the anniversary issue for 3/24/84. 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. .

BILL HARDY, 2301 PACIFIC AVE., ABERDEEN, WA 98520

The final hour of KYA on 12 December was most enjoyable. Nancy and I tuned in around 0218 ELT to hear every KYA jingle they'd ever used, for posterity! Because we had neglected to tape KYA before for our tape verie collection, we started the recorder. There's no mistaking this one!

If anyone in the Bay Area was taping the changeover of either KYA/KOIT or KSFO, we'd enjoy hearing a copy of the tape. Cassette is fine, it can be a cheapie and we'll return it. We were on 1260 so didn't get to hear the proceedings on 560. Also, KCYX signed off right at midnight thus interfering with the actual changeover. We did hear the accidental KSFO ID on 1260. After that we heard dead air, so if KOIT came on right away it must have been at low modulation because we heard three minutes of dead air here.

Rock oldies - 1950's through the early 1970's - happens to be my favorite format and Nancy's too. When both KYA and KROI 1270 had oldies, we could switch back and forth to hear our favorites. We'll miss KYA, but at least KROI is still around. It mixes with KTLG and CHWK most nights. We're also glad the format and KYA callsign will remain at FM 93.3. There's not much '50s and '60s rock up this way aside from RKO's Solid Gold Saturday Night. Local KXRO 1320 has Solid Gold Weekends on major holidays, but most stations play recent Michael Jackson records as "oldies."

Ric, my old BYB's say KYA-FM was KOIT in '71 but reverted to KYA by '73; they were KYA-FM in '65 also. I think they may have had automated rock, perhaps progressive "underground" rock in the late '60s and early '70s, totally unrelated to today's KOIT 96.5 (ex-KRON FM). Does anyone in the Bay Area remember for certain? (You're right Bill. I was in New York in '71. KYA-AM was first underground rock midnight to six with Russ Syracuse, then several KYA jocks went to KMPX for first FM underground rock - underground, of course, originated in the Bay Area-Rth.)

That's it for now. 73 and good DX.

RICH TOEBE, 2388 AMERICAN AVE., HAYWARD, CA 94545

DX has been so-so lately. During the holidays, I managed to log most of the call changes and new clear-channel busters; for the new year, my first definite logging is CFFR 660 (not exactly a clear-channel buster, fortunately, as it's pretty weak here). (You're lucky, hi-Rth.)

I've had a little response to my requests for help of the Slogans list updaters. John T. Arthur, thanks for the list of slogans and for the sticker, much appreciated. Also, thanks to Charles George - your info filled some gaps as well. How about others? Every slogan tip helps.

In local radio, lots of action on the FM side. KGO-FM became KLOK as of 04 January, the change came during the day as there was the morning KGO newscast with Dunbar and Weigandt, but in the evening, wall-to-wall Neil Diamond (their gimmick: "We start with Neil Diamond, you tell us what to add"). What intrigues me is that they ID as "KOLK-FM San Francisco." Is this part of the liberalization of the call letter rules? San Jose, home of KLOK 1170, and San Francisco are about 45 miles distant. Another ID that caught my attention was KSAN-FM and they ID'ed as "KSAN San Francisco-San Jose." Other news is that local radio-TV columnist Bill Mann reports that James Gabbert, ex-owner of KIQI/KIKI etc. and present owner of KTEO TV is negotiating to buy KFAQ 1100 and apparently is very close to signing a deal.

I've noted KIQI 1010, KOFY 1050 and KIBE 1220 on until 6 PM local time (even caught KIBE on past their new mandatory sign off once), which only serves to ruin SSS DX on those channels.

The "new" KSFO is beginning to sound more and more like the "old" one - Jazzbeaux is playing old radio shows in the evening now and there's also some talk radio in the form of Ken Dito's sportstalkt, which he formerly did on KNBR. One interesting aspect: Since the ownership change, I've been able to null out KSFO more completely, allowing a logging of KPQ (I did this before I found out about their regular MM SP 0300-0400 PLT).

One last thing before I quit my ramblings: Has anyone in the Bay Area noticed that the new grant on 770 Riverbank, California (1000/1000 U2) is a "suburb" of Modesto? (Sure it is, Amtrak's Modesto stop is there, hi-Rth.)
Good DX to all and 73 de Rich.

CHRIS COOPER, 714 14th ST., #B4, SACRAMENTO, CA 94814

TP DX has been prevalent this week with KYAK 650 pounding in a block-buster signal and KABN 830 from Long Island, Alaska, with promos for University of Alaska. (TP DX?-Rth.)

I stumbled across a NW directional grounding system by sheer accident by utilizing the pipe of the restroom water system.

A few unIDs: 720 (JJ), 837 (JJ) 765 carrier and het, 885-875 had test patterns running nightly from 22-24 January.

It looks like I'll be moving to the Orlando area by the time this hits print. New address: 237H, N. Lake Dr., MidFlorida Lakes, Leesburg, FL 32748. My relatives live there and have some information on job openings, so this is my last Western DX forum, unfortunately. So back to the Cuban DX scene this year. Maybe I can make a deal with Fidel and company to abandon the AM band and use only LW and/or SW, but he would probably spill cigar ashes all over my suggestion.

Bye for now and the best of DX. 73 de CJC.

ALBERT S. LOBEL, P.O. BOX 26762, SAN DIEGO, CA 92126 (619) 566-0092 or (619) 484-0604 1900-2130 PLT.

Should you call and get the answering machine, start talking and say you're a DX'er and if I'm home, I'll intercept the call.

Recently received a new Sony stereo for my birthday. See an upcoming DXM for my personal review. Anyone interested in hearing what AM stereo sounds like send me a C-60 cassette and return postage (please, quality cassettes only, my recorder is a professional model).

I was sorry to hear of the recent deaths of Larry Brookwell, John Clements, and Kenneth Brown. I personally knew the first two and learned of their deaths within hours after they happened. All three will certainly be missed by all of us. My condolences to their families.

I haven't done much DX lately. Just haven't had the time. Hence you haven't seen much of me in WDXR. I usually report most of my DX to WDXR.

73 and good DX to all IRCans in 1984, de ASL.

JOHN WONDLO, 6709 DANISH #101, OKLAHOMA CITY, OK 73132

Greetings. Thought I'd come out of "retirement" to join the others in mourning the death of John Clements. Though I wouldn't be considered a close friend, I did have occasion to spend time with him at several conventions, most notably at the NRC convention in Atlanta in 1978. John and I arrived at Atlanta airport about the same time and found each other, but not the hosts who were to pick us up/ We spent four-and-a-half hours wandering through the airport and calling the hotel to find out where Karl Jeter and Chuck Hutton were. We wound up jammed in a car with several others for the long ride to the convention site on the north side of Atlanta. I don't know how anyone could not like John. He will be sorely missed. His dying at such a young age certainly shows the rest of us the need to live each day we have to the fullest. How about renaming the Ted Vasilopolous award in John's honor?

On to other things. My retirement from club government and column editing has been most enjoyable. Actually, I've been able to enjoy the hobby itself much more these days. I'm past the 500 mark on BCB, and swiftly approaching 600. FM is still my first love, but BCB is still fun. Should be interesting to see what post-sunset authorizations will do to the hobby. Incidentally, don't be surprised to see me editing a column in a major DX club before the year is out. PTL. (Great getting a forum from you John. Do it again in the near future, time permitting-Rth.)

STEVE MITTMAN, 2248 W. 37th ST., SAN PEDRO, CA 90732 (213) 833-1010

Hi all. I would like to thank everyone who helped me with my 895 unID (R. Galeon, Santa Marta, Colombia). . .especially Robert Wien, who dug through six months of back issues in search of the answer. A lot of other times in the past DX'ers have gone to great lengths in trying to help me solve unID mysteries, and I think it's that special effort that the members

of this club go through for each other in helping them solve their mysteries that makes the IRCA so special.

Doug Pifer suggested forums with "topics." That sounds like a good idea to me, so the topic of this forum is about a rule change the FCC recently adopted. On the surface, the new policy doesn't sound as though it'll be of great importance; but, in fact, it'll be of great significance. . .if not to the public at large, then certainly to we DX'ers. In fact, I'm quite surprised that there's been no mention of it in DXM. In another of its brilliant deregulation moves, the new FCC policy states that a station is free to have any call letter designation that is currently unused. The first thing that one thinks of, of course, is that stations will choose four-letter words, etc., but actually, I don't believe that that would happen because the stations would be too scared to face the "wrath of the public." No, the actual implications are much more surprising.

In today's (24 January) edition of the Los Angeles Herald-Examiner, there was an article that KNXT channel 2, the CBS affiliate here, will be changing its call letters to KCBS TV! KCBS, of course, is on 740 kHz in San Francisco, but since no station uses KCBS TV, KNXT is free to have it. What this means is that an AM/FM/TV combination can now be split up among distant markets.

I do have a question about this which the article didn't cover. It so happens that KCBS and KNXT are both CBS o&o. Even though an AM/FM/TV call can now be split among different markets, must they still all be owned by the same company or party? If not, then I can see all sorts of problems. Los Angeles currently has a KABC and KABC TV (KABC FM became KLOS years ago). Maybe some small town FM'er somewhere might quickly grab the KABC-FM calls before ABC has a chance to assign it to, say, a KGO-FM, or whatever.

Another problem: KFI gets into San Diego, though technically that is a different market. Some shrewd FMer down there might suddenly become KFI-FM, thus "stealing" KFI's San Diego audience in the ratings. If a Los Angeles station tried to do that, KFI could complain because the call letters would be too similar, but because San Diego is another market, technically KFI can't complain. In any case, it looks as though we're in for some real interesting call letter changes in the near future. 73 de SMM

JOHN T. ARTHUR, 15-2700 KALA ST., PARGA, HI 96778 (808) 965-8995 ppd

Been a while since I forumed, huh? Got a wooden mast half built out of 2x3s to hold my wire antennas. Have 41 and 90 meter dipoles up with separate open lines for broadband response. For BCB work, the 90m dipole acts like a 20-foot vertical with a 150-foot top-hat and scoops up the signals pretty well. I'd like to have about 200-feet more wire up there, but ya can't have everything, I guess.

Reports out to KDAC 1230, KRE 1400, KRED 1480, 200 1575, KUBA 1600 and the Caribbean Beacon 1610. Evening/night seems to be primarily US/Canada, but around 0500 HST the TPs and DUS come rolling in until after 0730 when the sun gets to high here. (And you head for the beach, hi-RtH.)

200 completely wipes out VOA Bangkok at times and after VOA 1659 s/off, they're armchair level quite often. I get a het against KTRH from Tahiti 738 as early as 2000 HST, and their typical weak audio by around 2200 - but so far no sign of KCBS.

Finally heard KSFO 560 the other morning with my old buddy Gene Nelson; used to listen to him on KYA in the mid-'60s. Most interesting thing so far is that I cannot hear KPFC or KOIT. On 610 the only thing so far to surface through the KIPA 620 slop has been KYJC Medford, Oregon, and 1260 is owned by CFRN Edmonton.

The 1610 TIS at Hawaii Volcano National Park is not operating; no trace here and no trace in the park. There's an application on file for a new 1610 TIS at the Hilo Airport (General Lyman Field), but no action.

KPUA got the go-ahead to move to 670 with 10 kw per eyeball QSO with Clayton Caughill, their consulting engineer, who sez the move will probably be in a few months because they have to do some construction. AND there's an application for a 1 kw station on 1060 in Hilo; will be cultural/ethnic if granted. KIPO 1350 has not moved yet. KIPA 620 runs both American Top 40 and Solid Gold Saturday Night and features Mhyah Bird Show with the trading post every morning M-F -- yet they call themselves "Rainbow Country."

The worst sounding stations (technically) here are KMVI 550, KIPA 620, KPOI 1040 and KISA 1540 -- all overmodulate considerably. And I've found a spur on 1660 caused by KCCN 1420 mixing with KISA 1540. What I can't understand is that KCCN appears to be UNDERmodulated, if anything. (What does modulation have to do with carriers mxing?-RtH.)

Got a new FM in Hilo on 12 December: 94.7 KWXX "95X" with 100 kw ERP, and rumor has it that KHLO is seeking a Class A (3 kw ERP) CP as well. If Billy Graham ever gets KFSH 97.1 active, Hilo stands to have five AM, five FM and one LPTV all of a sudden. And I thought I was leaving all the R^r pollution behind on the mainland. (They must've heard you were coming, hi-RtH.)

Any DX'er (or listener) coming to Hawaii should plan to call or visit -- please write or call ahead of time. 73 de jta.

RIC HEALD, 1632 J ST., #3, EUREKA, CA 95501 (707) 443-1685 M-F 9-6 or
(707) 443-2704 SAT 9-2 P1T & ppd

Good variety of forums this issue. Always good to hear from the midwest and we should be getting a few from "paradise" now that Arthur's there.

John, the times I've been to Hawaii, I too have noticed spurs even though the stations in question were quite some distance away. Richard Wood when he lived there explained that because they're so far from the mainland, they do less to eliminate mixing properties. Also, you've got three and four stations in Honolulu per tower! Although KCCN is alone off Nimitz Hwy and I believe KNDI is still alone out at Salt Lake near Pearl Harbor. And when I was driving the windward side of Oahu several years ago, KRRC was pounding in on a car radio, so keep trying for them.

Steve, on the subject of call letter assignments and deregulation of same, and I might add, an excellent topic for discussion -- I don't think your worst fears will be realized. I think the move (KNXT to KCBS TV) was allowed because both CBS outlets (San Francisco and Los Angeles) are CBS o&o. The last time Lozangelez stole calls from San Francisco, KNBC had to change to KNBR to make room for KRCA TV to become KNBC TV. But with the deregulation, it's possible for the same ownership to move calls around. Technically, Los Angeles could also have KCBS FM now that that station have other calls, or at least I think they do, hi. But I don't believe the FCC would go for you example of same call letters being used in a nearby market (or horrors of horrors, same market).

As for the "wrath of the public," four-letter obscene calls would anger the sponsors first, the public second, and we mustn't ruffle an advertisers feathers, hi. Sure, the station worries about the public when the ratings game is on, but they don't really have to cater to the public anymore, such as news and public affairs which was wiped off the rules and regs back on 01 April 1981.

Rich, I believe the dual ID (San Francisco/San Jose) is another move in the deregulation of the FCC. However, the Bay Area has a unique situation. Even though the two cities are 45 miles apart, when you tune a radio (AM or FM) it doesn't seem like it. What with the communities surrounding a large bay and then the bay surrounded by tall hills, a transmitter above San Jose sends out from 3,000 feet up right up the bay with no obstructions. Likewise, transmitters on San Bruno or Suro shoot right down the bay to San Jose. On the AM side, virtually all transmitters are in the salt flats of the bay, and again, with the large bay surrounded by hills, it's like a sounding board and ground wave gets out much better than in other metro areas. Somehow I think this all makes sense, hi.

Well folks, three weeks until Anniversary issue deadline for WDXF. Even if it's only a few lines, send your forums in. Let's make this the biggest Anniversary issue ever. Best of DX and 73 de RTH.

EASTERN DX ROUNDUP

Bob Lazar

11011 Becontree Lake Drive, #410
Reston VA 22090

Deadlines: Mon. 2/13, Sat. 2/18, Mondays 2/27, 3/5, 3/12, 3/19, 4/2

- 530 TIS MD Rockville, State Police 1/19 2040. Tape of road cx on I-270. Fair u/ National Airport TIS. (WPT-DC)
 - 560 WGAN ME Portland, rock mx, strong signal. Not always hrd. 1900.(WW-MA)
 - WFIL PA Philadelphia, 12/1 oldies. This is a semi-regular but this night I noted them IDing as "Philadelphia's first and only AM stereo station." 2130. (WW-MA)
 - 580 WTAG MA Worcester, 2000 sportstalk pgm. Strong sig. Usually weak. ID as "Your sports leader for central New England, WTAG." (WW-MA)
 - 610 WGIR NH Manchester, 1955 weak signal. Not always hrd, usually have WIP. (WW-MA) (Date?--ed)
 - 620 WVMT VT Burlington, 1/18 1754 ID & VT local nx. Poor w/ CFCL & WTMJ. (NW-ON)
 - 630 unid ?? Canadian hrd 0005 w/ rock mx, songs like "Groovin'" & "Try Again", the s/off w/ Oh Canada. Weak but good signal behind local WPRO. (WW-MA)
 - 660 unid ?? unknown US stn coming in o/ WNBC briefly at 2145. (WW-MA) (I think this would more likely be a foreign stn as all US stns would protect WNBC and be unlikely to be stronger than WNBC at your location. Did you hear any program details?--ed)
- *unid*??*unknown stn w/ tone, it sounded like a frequency check. Noted on 12/21 at 0054. It was third Thursday of the month. (WW-MA)

- 730 WMTC KY Vanclave, 12/16 1705-1715 state and local nx, wx, spots for Variety Pizze, Martin's Gift Shop and Jackson Food Fair, probable s/off at 1715 but lost to unid stn w/ gospel pgm and CBL slop. In fair-good at first. (MB, Toronto, ON)
- 760 WJR MI Detroit, a regular but noted them saying "AM stereo 76, this is WJR Detroit." (WW-MA)
- 790 WAEB PA Allentown (the letter they sent back to me says Lehigh Valley, Pa.) MOR mx, weak but good signal. Behind local WEAN 0021 11/27. (WW-MA)
- WEAN RI Providence, 1/19 0031 ID between phone calls during phone-in pgm. Fair w/ CKSO & WTNV. CKMW (local) is off at this time. (NW-ON)
- WMC TN Memphis, 12/31 0259 atop freq w/ pest CKMW off, hrd what sounded like a s/off anmt, gave power, studio and xmtr loc, ownership, etc., but then surprised me by going into Ai nx at 0300. (MB-Toronto, ON)
- 800 WCHA PA Chambersburg, 1/16 1730 ID & local nx by f, 1734 mx by Barbara Streisand, poor w/ CJBQ & CKLW. (NW-ON)
- CJAD PQ Montreal, 0306 12/30 not hrd very much but this night had good signal. Noted song "Dreams of the Everyday Housewife." (WW-MA)
- 810 WEKG KY Jackson, 1/16 1715 ID & local spots including "Brown's IGA" & "County Tire." 1/19 1724-1730 rlgms pgm, 1731 spot (again) for Brown's IGA in Campton, KY then fade out, poor u/ WGY. Came back for 1743 s/off. (NW-ON)
- CJVA NB Caraquet, 2014 FF stn, plays FF & EE rock songs. Chorus sings "CJVA" in FF many times, noted "Abba Medley" - Stars on 45. Strong signal 12/20. Much QRM from WGY. (WW-MA)
- 820 WAIT IL Chicago, 0040 12/4 good signal, much QRM from WBAP. Plays big band songs and songs like "I Left My Heart in San Fransisco." Also noted it on 12/20 w/ weak signal. (WW-MA)
- 850 CKVL PQ Montreal/Verdun, FF stn, very weak signal 12/26 at 0133. Some QRM from WJW & SS stn. (WW-MA)
- unid ?? unknown US stn noted on 1/2. Briefly at 0130, very weak. Hrd western mx, wx & chorus singing ID but too weak to hear. WHDH was off the air on this Sun. night/MM. (WW-MA)
- 870 WWL LA New Orleans, 0134 on 12/26 first time hrd in years. Weak but good signal. Good to hear it again. (WW-MA)
- 890 WLS IL Chicago, 1/26 1307 album rock mx. Fair. (WPT-DC)
- 900(WLMD)MD Laurel, 1/26 1310 noted off air. (WPT-DC)
- WFLN PA Philadelphia, tentative 1/26 1308 cl mx. Fair o/u WJWL. (WPT)
- WJWL DE Georgetown, 1/26 1308 C&W mx. Fair o/u WFLN. (WPT-DC)
- 910 WSBA PA York, 0055 noted on 12/14 w/ rock songs, poor signal, not hrd in years. Some QRM from WRCQ. (WW-MA)
- 930 WWNH NH Rochester, 1/18 1657-1704 instr mx, ID & CBS nx on the hour, poor w/ CKNS in WBEN null. (NW-ON)
- 970 WYNZ ME Portland, 2258 very briefly w/ very weak signal. (WW-MA)
- KAKC OK Tulsa, 1/16 "Radio 970" slogan, rlgms pgms 1758. (KJV-GA)
- 990 WNYR NY Rochester, listed in 1983 White's Radio Log as 680, they must have changed freq. Very strong sig, plays country mx. ID as "990 WNYR with fresh country mx every day." 1/13. I sent report to Box 227, Rochester 14602 and I got my letter back. Does anyone know the address? (WW-MA) (1982 NRC Log has 360 East Ave. 14604 address. WNYR has a special authorization to operate on 990 because of interference from CFTR on 680.-ed)
- 1000 WCMX MA Leominster, a daytime stn noted on 1/10 as WCMX. I remember it as WLMS. When did they change? 1635, abruptly gone at 1643. Fair to poor signal, country mx. (WW-MA)
- KTOK OK Oklahoma City, 1/16 1817 "Your #1 sports stn", into ABC sports. (KVJ-GA)
- CFLP PQ Rimouski, 1705 w/ nx & ads in FF, plays FF mx. Hrd on 1/13. Fair to poor signal. First time hrd. (WW-MA)
- 1070 CBA NB Moncton, 1/21 1701 CBC nx by m. Fair. (WPT-DC)
- 1110 KPAB NE Omaha, 1230 1720-1725 in very good atop CKJD & WBT, w/ sports rpt, into "There's a Kind of Hush" by Herman's Hermits, ID, TC, PSA for Goodwill, spot for First Federal of Omaha. (MB-Toronto, ON)
- CKJD ON Sarnia, 1613 country mx, wx & ads. Good signal behind local WHIM 12/30. Noted WHIM a daytime stn on after dark till 6:00 p.m. Poor sig for WHIM at dark. (WW-MA)
- 1130 WCXI MI Detroit, 1623 country mx, strong signal 12/30. Many "WCXI" IDs. (WW-MA)
- 1150 CHSJ NB Saint John, 2232 very weak signal behind local WHUE. WHUE noted saying "AM stereo 1150." CHSJ plays country mx. 12/15. (WW-MA)
- 1200 WOAI TX San Antonio, good sig on 12/20 2129. Pgm "The World Tomorrow" & ID. (WW-MA)
- 1220 WGAR OH Cleveland, a semi-regular, fair to poor signal 12/4. Noted them saying "WGAR in stereo." (WW-MA)

1240?CBV1?PQ Parent?, noted on 1/14 0016 to 0031, nx, sports & wx. Noted "CBC" mentioned in FF many times, "CBC French Network." IDs as "CBV Quebec" 0030 ID as "Radio Canada". Hrd very weak s/off at 0031. "CBV Quebec" said. The 1978-79 NRC log lists this as 40 watts? I definately had 1240 kHz and I did hear "CBV" so it was a relay of "CBV Quebec". Is this stn still 40 watts? (WW-MA) (Yes, but note the correct call letters for this stn. It is quite unlikely that this is CBV1, although it is possible. The heavy interference on 1240 would make it quite difficult to hear such a low powered stn. Also, several of the other Quebec stns on 1240 are CBC French and thus could have "CBC Quebec" IDs. Perhaps someone in or near Quebec could supply some help on this one.--ed)

WBAX PA Wilkes Barre, country mx 0042 1/14 ID at 0044 as "When you want to know the nx, tune in to 1240 AM WBAX." Fair to good signal. Not hrd in years. (WW-MA)

1300 WQBK NY Rensselaer, 1/27 1634 TC, ID by m during nx. Fair u/ WFBP. (WPT-DC)

WKCY VA Harrisonburg, 1656 12/2 hrd ad & then s/off. By what s/off sounded like, stn must be religious. Noted many rlg comments in it. Much QRM from WAVZ & WFBP. But still good signal.(WW)

1310 CHGB PQ La Potatiere, FF stn, poor sig, only a few mins. Hrd nx, ads, phone calls & rock mx. Much QRM from WORC. (WW-MA)

1360 CJVL PQ Ste-Marie Beauce, noted on 11/28 1733 FF stn, very good signal. Rock songs in FF and in EE like "Brother Louie", plus sports. (WW-MA)

1370 WDEA ME Ellsworth, 2040 very weak sig, just about made out ID. Poor signal, much QRM from WFEA. (WW-MA)

1380 WNVN CT Naugatuck, 2020 12/11 plays oldies, fair to poor signal. ID as "14-NVR." (WW-MA)

WIZO TN Franklin, 1/22 1857 w/ C&W mx, IDs as "Williamson County's country" and ABC nx. (RCW-OH)

WSYB VT Rutland, 2022 hrd on 12/11. Good to fair sig, plays rock mx. (WW-MA)

1390 WFBP NY Syracuse, a regular stn, but noted them 0103 on 1/2 w/ s/off at 0103 saying "See you in two hours." Strong. (WW-MA)

1400 WABY NY Albany, 0220 weak signal, much QRM. MOR mx, IDs as "1400 AM WABY." 11/25, first time hrd. (WW-MA)

1420 CJMT PQ Chicoutimi, FF stn, briefly popping thru mess of local stns & WBSM. Weak 1800. (WW-MA)

1430 WENE NY Endicott, 1/19 1658 w/ local spots, ID and ment of a local school event, poor to fair thru local CJCL. (NW-ON)

(WNAV)MD Annapolis, 1/23 1300 noted off air. (WPT-DC)

WIVE VA Ashland, 1/23 1300 gospel pgm, ID by m, Mutual nx & wx rpt. Fair. (WPT-DC)

1450 WJXN MS Jackson, 1/22 0145 block rlg pgms & mx; s/off w/ SSB noted later at 0201. (KVJ-GA)

1490 WCLD MS Cleveland, 1/22 0204 end of NBC nx, into state nx & wx, R&R mx, ancr Michael Starr. (KVJ-GA)

1500\$WRDS\$MS Sardis, 1/22 fair/poor w/ s/off 1814 SSB w/ WTOP phased-out. New stn on the air, according to log updater. (KVJ-GA)

1540 unid ?? unknown stn doing f/c, tone behind WPTP. Hrd on 1/2 0048. Good sig. (WW-MA)

1560 WTAI FL Melbourne, 1/19 1744 ment of Melbourne by m. This stn was previously a tentative. Fair u/ WQXR. (WPT-DC)

1570 WKOL NY Amsterdam, 1/24 rare at 1756 on PSSA, local ads, IDs as "1570 WKOL" and "the last look at the wx for the day". (RCW-OH)

1616 KPRC NY New York, Pirate Radio Central, 12/19 noted s/off at 0215 w/ good strong signal. Noted again on 1/8 2307 while taking phone calls on the air. An unknown SSB signal would talk back to the stn, making snide & nutty comments. One of the phone callers told KPRC of this. Good but very fuzzy signal w/ much fading. Poor reception at times. (WW-MA) 1/9 0130 w/ m ancr (Pirate Joe) inviting reception rpts, gave usual Box 747, Exeter, NH address, played a satire of "Electric Ave." called "Stupid Ave." In good-very good here. (MB-Sudbury, ON)

Eastern DXers

MB - Mike Brooker, University College, Residence #506, Laurentian University, Sudbury, ON P3E 2C6 (GE Superadio)

KVJ - Karl V. Jeter, 2115 Scarbrough Rd., Stone Mountain, GA 30088

WPT - Bill Townshend, 4500 Connecticut Ave. NW #901, Washington, DC 20008 (Realistic TRF, Sony ICF-S5W)

RCW - Bob Walker, 16 Wythe Court, #10, Fairfield, OH 45014 (Superadio)

NW - Niel Wolfish, 15 Donwoods Grove, Toronto, ON M4N 2X4 (PRG-7, SM-2)

WW - William Wyllie, 95 Peck St., Franklin, MA 02038 (Realistic Astronaut 8)

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

- UNIDED, SPECIAL, CHANGES, et. al,
- 740 WRFQ WI BARABOO, 1/18 noted carrying RKO nx on the hour, ex-Ac, C&W format. DW-WI
 WRPX WI HUDSON, 1/18 0200 noted on the air w/CNN nx on hour, female ancr playing
 pop mx w/many IDs. DW-WI
- 790 WEAU WI EAU CLAIRE, 1/18 noted carrying a MOYL type format called "The Hit
 Parade", ex-rck. Still NBC nx on the hour. DW-WI
- 1090 UnIDED 1/16 0210 stn carrying CNN nx, faded everytime there might be an ID or
 ads, KAAV off. DW-WI (It's WBAL, ed.)
- All da Rest
- 513 "BG" KS FAIRFAX, 1/28 0140 fair w/CW IDs, aerobeacon. RK-IL
 515 "CS" OH COLUMBUS, 1/22 1720 poor w/CW IDs, aerobeacon. RK-IL
 516 "YWA" ON PETAWAWA, 1/23 0127 good w/TT & CW IDs, another aerobeacon. RK-IL
 517 "FN" IA CLINTON, 1/22 1154 fair w/CW IDs. RK-IL
 521 "TO" KS TOPEKA, 1/23 0249 fair w/CW IDs. RK-IL
 522 "ORC" IA ORANGE CITY, 1/23 0308 fair w/CW IDs. RK-IL
 "GF" OH CLEVELAND, 1/28 0119 fair w/CW IDs. RK-IL
 524 "AJG" IL MT. CARMEL, 1/22 1632 fair in "UOC" null w/CW IDs. RK-IL
 "UOC" IA IOWA CITY, 1/22 1157 good w/CW IDs, blasts in here day & night. RK-IL
 "HEH" OH NEWARK, 1/28 0130 fair thru "UOC" w/CW IDs. RK-IL
 526 "OJ" KS OLATHE, 1/28 0132 good w/CW IDs. RK-IL
 810 GHQR AB CALGARY, 1/16 0305 male ancr w/ID, wx, into mx, WGY w/OC. DW-WI
 1570 CKTA AB TABER, 1/15 0150 male ancr w/ID as "KTA", mx, MST TC, more mx, & ID as
 CHEC Radio. DW-WI

The Beacon Report:

RK... That's me
 (R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop)
 DW.... David Wurl 908 W. 14th St. Marshfield, WI 54449
 (IC R-70, SPR-4, Kowalski Loop, Radio West Loop)

Mistake Dept.

Last Week, I reported receiving KBBQ-1590 Ventura, CA. Well, I checked there again the
 following morning & discovered a station playing similar mx, only in real well. It turned
 out to be KVGB Great Bend, KS. The ID I heard was supposed to be "Music Radio 16, VGB",
 but even after knowing this, it still sounds like "KBB". I wish these announcers would
 clean the cotton out of their mouths before speaking.

Does anybody know where I can get a list of the aerobeacons ?

WESTERN

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

DX ROUNDUP

All times are
Eastern Local

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

DEADLINES: Tuesdays 2/14, 2/21, 2/28, 3/6, 3/13, 3/20, 4/3, 4/17, 5/8

REPORTERS FOR THIS ISSUE:

- (CJC) Chris Cooper-714 14th St. Apt. #B4-Sacramento, CA 95814
 Realistic 12-650, Superadio, terminated 200' groundwire system
- (JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
 Kenwood R-1000, Radio West loop
- (JJ) Jef Jaisun-12860 136th NE-Kirkland, WA 98033
 SP-600, 1000' Beverage
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
 Hammarlund SP-600, 2 1500' E Beverages, 200' term. NE longwire,
 SM-2
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
 GE Superadio, GE long-range portable
- (PZ) Paul Zehr-P.O. Box 573-Ely, NV 89301
 DX-160, Palmors loop

OF SPECIAL INTEREST:

- 700 KGRV OR, Winston per call to stn said they'd be on the air "a week to 10 days at the very latest." They needed a xmtr part flown in from Calif. They will be 25kw days & 500w nights, 24 hours NSP, non-directional, Christian format. (RW-CA)
- ?KGRV? Poss. the stn w/T at 1430 on 1/21. Loop south, fair w/Utah QRM. No ID hrd. (PM-OR)
- 1210 KCLG UT, Washington 1/18 2300 noted w/ID on hour as "KCLG, Washington-St. George." Is this legal? (RW-CA) (Bill says yes.--NH)
- 1230 KPRL CA, Paso Robles-Atascadero 1/26 0350-0400 been trying for this numerous times in last 1½ years, finally got it! Fair in KGFJ null w/promo for Howard Cosell's Speaking of Sports, "Hear Howard Cosell here on K-P-R-L." In & out w/mostly oldies mx. Faded up nicely at 0400 "More music after ABC news on 1230, KPRL, Paso Robles-Atascadero." Also hrd at 0500. New. (JH-CA)
- 1240 KPPC CA, Pasadena per call to stn they will be on 2100-0300 for 45 days at 250w. DJ said they will go back & forth from 100 to 250 watts at various times each evening, except RS Sun. and Wed. stays at 100w. It's a special test to see if they can go on w/a regular night-only sked. After the 45 days the field strength measurements will be studied by the FGC. (JH-CA)
- KENZ CA, Sacramento 1/23 MM 0336 local ads, wx, ID "12-40, K-E-N-Z." Pop mx, first time hrd w/new calls, ex-KROY. Not logged since 8/82. Fair. (JH-CA)
- 1360 KUIK OR, Hillsboro-Portland MM 1/23 0308 just caught end of wx, s/off "KUIK, Hillsboro-Portland now leaves the air for technical maintenance," then, off. New. (JH-CA)
- *****
- 530 KNEZ-393 WA, Seattle area TIS 1/30 0330 in w/this callsign ID, message by man on closure of freeway ramp on Mercer Island starting Monday 1/30. (JJ-WA)
- KNEZ-392 WA, Seattle area TIS 1/30 2300 same man as the night before, message changed to say ramp "now closed," callsign now 392. No QRM from any other location, so don't know if it's one xmtr w/two callsigns, two xmtrs w/one callsign, or what. Perhaps "393" was an error? (JJ-WA)
- 550 KMVI HI, Wailuku 1/20 0220 "K-M-V-I, Close to You" slogan pulled out of the KOY/KFYR/KAFY mess. PSA & Beatles tune "Hey Jude." (CJC-CA)
- 570 KVI WA, Seattle 1/26 0437 ID then faded. (PZ-NV)
- 590 (KFXM) CA, San Bernardino MM 1/23 0400 noted totally off. (JH-CA)
- ?KSSK? HI, Honolulu 1/17 0522 pulled out "K-59" IDs. Assumed to be KSSK because of 74 temp. Superpest KHQ owned the freq. later on during Pan American DX stage. (CJC-CA)
- KHQ WA, Spokane MM 1/23 0400-0405 very strong & clear burying KÜGN. Legal ID into NBC nx, another legal ID at end of nx, into talk show (believe Talknet). New. (JH-CA)
- 610 KFRC CA, San Francisco 1/26 0458 fair w/ad. (PZ-NV)
- 630 KIDO ID, Boise MM 1/23 0543 quick ID in mess of others, during short KFI-640 SP. Fair. (JH-CA)
- 640 (KFI) CA, Los Angeles 1/23 0518 noted totally off. (RW-CA)
- +MM 1/23 0540 totally off, not sure how long they were off, as I came across by accident, but back on RS 12 min. later at 0552. (JH-CA)
- 650 KORL HI, Honolulu 1/19 0430 ID as "This is the Music of Your Life, K-O-R-L, Coral 65, Honolulu." (CJC-CA)
- WSM TN, Nashville MM 1/23 0542 fair w/C&W mx. Haven't hrd in a long time. (JH-CA)
- 670 KBOI ID, Boise 1/25 2246 good reception w/mx & wx. Do they have a SP? (PZ-NV) (See next two tips!-NH)
- (KBOI) MM 1/23 0240 totally off. (JH-CA)
- +1/23 0243 totally off. (RW-CA)
- WMAQ IL, Chicago MM 1/23 0240 good to fair w/slop from KFI-640. Two good IDs, ad for Skoal tobacco, truckers info, C&W mx. New. (JH-CA)
- 690 KKUA HI, Honolulu 1/16 0513 xlnt signal in XETRA test dead air, w/mx by Hall & Oates. ID as "K-K-U-A, 69 and 93 FM." Played Commodores "Only You" at 0508. After ID at 0523 anc'r Rob Hart played "Traveling Down the Middle of the Road." (CJC-CA)
- 710 WCBS FL, Miami 1/30 0400 promo for Larry King "at midnight tonight," then WCBS nx. Rare but much welcomed here. (JJ-WA)
- 720 KUAI HI, Eleele 1/16 0435 good signal mixing w/WGN, playing native island mx. (CJC-CA)
- 730 *KSVN* UT, Ogden 1/18 0258 noted w/ID ment. ET'ing, good in CKLG null. (RW-CA)

760 KGU HI, Honolulu 1/21 0445 poor signal mixing w/KFMB, ID as "Talk of Hawaii, KGU Newsradio 76." (CJC-CA)

770 KOB NM, Albuquerque 1/24 0045 talk w/loud het (could not null the het). Went to ads. Does KOB have a SP? (PZ-NV)

790 KABC CA, Los Angeles 1/24 0024 above KGHL w/talk, then faded. (PZ)
 KGHL MT, Billings 1/24 0023 fadey w/slight QRM. Ads, u/KABC. ID as KGHL, AM Stereo 790." (PZ-NV)

KGHL 1/23 0307 noted w/TT strong in KABC null. (RW-CA)

800 CHAB SK, Moose Jaw 1/24 0023 fair w/IDs & pop mx. Way above XEROK. Slight fading. (PZ-NV)

830 KIKI HI, Honolulu 1/20 0550 xlnt signal blasting in w/DJ "Shaun until Dawn" playing Delegation tune "Oh Honey" by request, then local ads. (CJC-CA)

WCCO MN, Minneapolis-St. Paul 1/3 2032 xlnt reception w/no static, w/mx. Nulled WCCO & received SS. (PZ-NV)

850 KHLO HI, Hilo 1/15 0430 OM annor w/sports, then back into more mx w/The Platters. 1/15 0500 s/off in Hawaiian/English w/the Hawaiian anthem. (CJC-CA)

870 KAIM HI, Honolulu 1/21 0632 poor signal w/gospel mx program. Pulled out Honolulu zip (96813) & local church ment. Later dominated freq. (CJC-CA)

880?*KRVN*?NE, Lexington 1/20 0236 susp. loud w/TT way o/KWIP/KJJR/KIXI. (RW-CA)

920 KOLO NY, Reno MM 1/23 0506 C&W mx, blip OD "Country on K-O-L-O." Fair. (JH-CA)

KQEO NM, Albuquerque MM 1/23 0451 no sign of KORK, pop mx, ID ment "Your oldies station, K-Q-E-O." Fair. (JH-CA)

KXLY WA, Spokane MM 1/23 0455 "KXLY, Spokane returning to the air after technical maintenance." Into mx, hrd TT here earlier, was probably them. (JH-CA)

1190 ?KEZY? CA, Anaheim 1/23 1006 tent. call change, ex-KNWZ unless they were sim. FM on AM. Ment. of "96" (FM) and very clear "...on KEZY" ID, but no "KEZY-FM" ID noted. Will call stn to check on this. SMM said they should be changing calls back soon! Good o/KEX, then lost by 1017. (RW-CA) (See front page of 1/28/84 DXM, Robert.--NH)

1210 KASY WA, Auburn noted atop heap w/"Kasy Classics" promo 2315 1/23. Driving around in the car. KREW w/SS & KGLG w/a Bible program at 2330 took turns dominating (along w/KASY). (PT-CA)
 +1/23 2330 hrd o/u KREW w/pop mx, "KASY 1210" IDs, quite strong. (PM-OR)
 +1/30 was AN and is now NSP. (JJ-WA)

1240 KPRB OR, Redmond 1/22 hrd well at 0250 w/ID "KPRB AM & FM," good for a few minutes. (PM-OR)

1250 KKFY WA, Seattle 1/26 0322 very loud at times o/KTMS w/pop mx, "K-Fox" ID. (JH-CA)

1270 *KIML* WY, Gillette MM 1/23 0600-0628 thanks to Bruce Portzer's tip in 1/14/84 issue. Fair over & under KROI w/4th MM f/c, KGIL-1260 slop. Many IDs, phonetic alphabet IDs, ment. day & nite power, patterns, on for "frequency measurement," ment lab in Lee's Summit, MO. Many TTs, s/off 0628 "KIML, Gillette, Wyoming, now leaves the air to return to our regular schedule at 5 o'clock." New, WY #3. (JH-CA)

1310 KLIX ID, Twin Falls 1/25 2231 w/pop mx. Moderate fading. (PZ-NV)

1340 KWVR OR, Enterprise 1/21 good at 0230 w/HS EKB game between Elgin and Joseph. ID & s/off at 0301. (PM-OR)

1380 KTSM TX, El Paso MM 1/23 0330 end of Mutual's Week in Review, ID. Fair. (JH-CA)

1400 KRPL ID, Moscow 1/22 hrd w/NA at 0200, ID. Good. (PM-OR)

1430 (KNTA) CA, Santa Clara 1/20 0422 totally off, back on RS 0430. (RW)

WIRE IN, Indianapolis 1/23 hrd w/ID into nx at 0400, o/u CJCL. (PM)

KLO UT, Ogden 1/24 fair w/IDs at 1830. (PZ-NV)

1460 KENO NV, Las Vegas 1/24 fair w/ads & pop mx. (PZ-NV) (Time?--NH)

1480 KWUN CA, Concord MM 1/16 0318-0330 KYOS silent, fair to good. ID, PSA "I'm Randy for K-Wun" into pop mx. Later ID as "The 1," & twice w/letters KWUN, and "get a KWun sticker for your car," etc. New, much wanted. (JH-CA)

(KWIZ) CA, Santa Ana MM 1/16 0313 noted off air. (JH-CA)

1490 CJPR AB, Crownstn Pass 1/23 fair o/u BC stns w/CJOC ment, wx at 0329, // to 1220. New. (PM-OR)

1510 KGA WA, Spokane 1/24 w mx by Johnny Cash. Moderate fading. (PZ-NV)

1520 KOMA OK, Oklahoma City 1/23 0813 fair w/C&W mx & ad. (PZ-NV)

1530 KFBK CA, Sacramento 1/25 2213 fair w/ads for Subaru, talk. (PZ-NV)

1550 KRGO UT, West Valley City 1/18 2306 noted carrying SLG Eagles vs Colorado Flames hockey. What hockey league is this? (RW-CA)

1580 KDAY CA, Santa Monica 1/24 w/mx, ID as "K-Day." (PZ-NV) (Time?-NH)

1622 KFX969 CA, Big Bear Lake 1/25 2303 fair w/remote to KTOT-FM (101.7) w/Big Bear City Council meeting. Not sure of power. This is very regular, per 1050 verie, 1622 is on 2nd & 4th Wed. 1830-2100 PLT or 2130-0000 ELT. New. (JH-CA)

UNIDs:

- 580 1/26 0446 Nighttime America w/ads. KHOW, Denver, CO? (PZ-NV) (KHOW is on 630! KFXD-580, Nampa-Boise, is listed on the Nighttime America list.--NH)
- 830 1/3 u/WCCO 2032. Nulled WCCO and received SS w/mx. I believe I heard them ID as "Radio National." Any Ideas? (PZ-NV)
- 1400 1/23 0450 u/mess in KRE null w/"Talknet," only KQMS & KTUC listed as carrying this, but KQMS should be off this time, KTUC is NSP, was definitely // KOB-770 except for mx on hour, which I didn't catch, loop didn't seem to favor KQMS as much as KTUC. Any other affiliates I don't know of on 1400? (RW-CA)
- 1400 1/23 0504 unID in mess in KRE null o/KFTN w/ID sounding like "KGEL on the air for equipment testing only..." poss. KRPL, think they run an OC on MM's, don't they? (RW-CA)

Please use only one side of the paper when you sent a report to WDXR. I cut all the tips apart to arrange them in frequency order, so anything written on the back of the paper gets lost! Would anyone care to venture a guess as to what I did the day before yesterday (1/26)? If you guessed "visited live penguins" you're right! Over the weekend Bill & I took a long weekend and went to Stanley Park in Vancouver, BC. Needless to say, seeing the 16 penguins there was the highlight of the trip! Now if we can just make it down to San Diego's Penguin Encounter!!! ♡

DX WORLDWIDE EAST

1XWW East Temporary Editor:

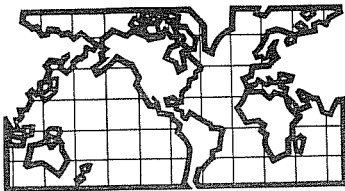
Donald Erickson, 6059 Essex St., Riverside, CA 92504
 New Deadline: Saturdays, 14 days before issue date. Phone: (714) 687-5910.

Pan American DX Roundup

- 850 unIDed 1/7 0938 vy pr u/KOA w/salsa style music, male ancr. (RG-P-IL)
- 920 Mexico? 1/7 0003-0048 good u/o KARN w/male ancr, rancherita mx, freq mention of cities in no. Mex., only ID hrd "estereo noventa y dos" (Stereo 92). (RG-M-IL)
- 950 Mexico Nueva Rosita XEYJ 1/7 0123-0135 w/SS MoR mx, a few ads, "R. Noventa y Cinco" ID. (Rob Gerardi-M-IL)
- 990 Mexico Monterrey, N.L., XET 1/6 0111 exc w/call ltr ID by female, ad. (RG-M-IL)
- 1000 Colombia Manizales HJHF Date? 0749-0813 good w/tropical mx, one "Radio Nacional" ID by male announcer. (Rob Gerardi-P, IL)
- 1000 Mexico Mexico, D.F., XEOY 1/6 0145 gd w/many jingle ID's, ads. (RG-M-IL)
- 1030 Mexico Mexico, D.F., XEQR 1/6 0241 good w/ad, ID, then lost. (RG-M-IL)
- 1200 unIDed 1/9 1036-1100 vy pr u/WOAI, w/salsa mx, male ancr, 4 tone chimes at top of the hour but ID by ancr following lost to music on WOAI! (RG-P-IL)
- 1210 Colombia? 1/9 0934-0953 pr u/WCAU w/ads, one Lionel Richie record foll'd by S.Am. mx (not SS pop), male ancr ment'd "Colombia" but no ID. (RG-P)

Week's Contributors

- (RG-M-IL) Rob Gerardi - 1421 N. Franklin, Apt. 7 - Benton, IL 62812
- Motorola R-43 w/650' barbed wire fence
- (RG-P-IL) Rob Gerardi - 1421 N. Franklin, Apt. 7 - Benton, IL 62812
- Panasonic RF-2200



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline Tuesday

DX this week has been quite slow, but with an Unidentified station in Chinese heard many mornings lately on 1690 KHZ. The FERC-log has reported a couple new stations in Taiwan on 1690 and 1700 KHZ, The Kaohsiung Fishery BS-1690 KHZ and The Keelung Fishery and Weather Station on 1700 KHZ, both in Chinese. Also China heard on 702 and 837 KHZ, with a weak station on 735 KHZ. This week there also is a report from Tim O'Hare-Edmonds, Wa. that saved the day. So on with reports:

PAN AMERICAN DX ROUNDUP

834 BELIZE, Belize-hrd at 0452 on 1/26 w/Pop mx, fading (TCH-Wa)

TRANS-PACIFIC DX ROUNDUP

- 531 JAPAN, Morioka-JOQG, hrd w/JJ Audio, faded by 1418 on 1/25 (TCH-Wa)
- 648 USSR, Vladivostok-Moscow Bells at 1400, into KK Prgm on 1/25 (TCH-Wa)
- 657 NORTH KOREA, Male ancr in KK, missed pips on hour after 1400, 1/25 (TCH-Wa)
- 702 t CHINA, Jiangsu PBS, poss. the weak station w/Inst CC mx, and low keyed YL ancr in CC, not // to CPBS station(s), so may have been local service, at 1520 on 1/28. (PM-Or)
- 747 JAPAN, Sapporo-JOIB, in well w/heavy splash-pest KXL Portland, 1340-1/25(TCH)
- 756 SOUTH KOREA, Daejeon-HLCQ at 1333 on 1/25, usual KK talk and mx, faded (TCH-Wa)
- 828 JAPAN, Osaka-JOBB from 1320-1400, s9 on new 200' LW, males in JJ 1/23 (TCH-Wa)
- PHILIPPINES, Cagayan de Oro-DXCC, once again w/US Mor mx and OM ancr, at 1510 on 1/28. Fair, no sign of 837 or 846 KHZ. (PM-Or)
- 837 t AUSTRALIA, Rockhampton-4RK, Easy listening mx at 1320-1/25, poss. 4RK? (TCH)
- CHINA, Central Peoples Broadcasting Station, here w/CC Opera/Play, vy good o/HLKY at 1430 on 1/28. (PM-Or)
- 1476 USSR, Moscow Bells at 1329-1/26, followed by CC or KK, vy faint (TCH-Wa)
- 1566 SOUTH KOREA, HLAZ, JJ talk by YL, Rel. mx followed, at 1337-1/26 (TCH-Wa)
- 1575 THAILAND, VOA here w/OM in EE, disc. pgm, poor to fair at 1510-1/29 (PM-Or)
- 1690t TAIWAN??, Kaohsiung-Poss. the CC station hrd several mornings, vy weak w/soft CC MOR mx, EZL mx, no Anmts hrd, from 1520-1550 on 1/28, 1/29, 1/31, just to name a few. Taped, but still waiting for talk to send Tent. report. (PM-Or)
- 1700 USSR, CC Service hrd here several times this season, at 1400-1600, w/no IDs at any time heard, hrd again 1/31, fades. (PM-Or)

THANKS TO THESE REPORTERS:

TCH-Wa Tim C O'Hare-20023 84th, West-Edmonds, Washington 98020
 SPR4, SP-600, R392, HRO, R-600, XCR-30, etc.

PM-Or Yer Editor
 SP-600JX, 200' Term. NE LW, Ground System

HAVE WE GOT NEWS FOR YOU.

KFWB ALL NEWS 98



IMAGEN PARA EL FINAL DEL SIGLO XX

XEMIA 850 KHz.
RADIO FELICIDAD



XEPJ 1370 KHz.
RADIO CAPITAL



13-89-57 13-90-22 13-87-59

HIDALGO 564, 1er. PISO
GUADALAJARA, JAL.

COMUNICACION HUMANA...

Mark Connelly - WA1ION DX Labs - 23 JAN 1984

Recently, an article describing the step-by-step construction & use of the APT-2 (Active Parallel Tuner with Regeneration) appeared in DX Monitor & DX News.

Several design enhancements have occurred, giving rise to the subject of this article, the APT-3.

This article is meant to be a companion piece to that on the APT-2. One principal difference between the two tuners is that regeneration adjustment has been made simpler & less 'touchy' on the APT-3. A Q-pot is used instead of the former regen. vernier. A side benefit of the Q-pot is that use of the APT-3 as an input module in a phasing system has been improved. The recent MWDK-2 article discusses the merits of adjustable Q in phaser input-tuner modules.

Regeneration has also been improved by a modification to A1, the Front End Card subassembly. A buffer stage, using an MPS918 transistor, appears after the regen. feedback loop. Neil Kazaross had noted that the ease of obtaining regeneration on the APT-2 was somewhat influenced by the impedance characteristics of the receiver used. Different receivers load the APT-2 output differently causing variations in regeneration performance, chiefly in terms of control 'touchiness'. Performance with high-impedance receiver inputs (e. g. car RX) was generally superior to that obtained with low-impedance receiver inputs such as found on some communications receivers and on portable-radio coupling-coil inputs. The buffer stage in A1 of the APT-3 eliminates these performance variations. Of course, even the best buffer can be overloaded by an excessive signal (whether regenerated or not). The inclusion of an input attenuator pot [R1] as the level pot, instead of an output attenuation pot, helps one to apply accurately the most signal possible to the tuner, consistent with no spurs/no overloading.

An RF-source jack has been incorporated so that the output of a loop or the output of a phasing unit may be tuned, amplified, and (if desired) regenerated.

Shutting the APT-3 power off bypasses the input (antenna) to the output (receiver). This feature is necessary especially in mobile applications so FM & non-DX AM can be enjoyed without having to disconnect the tuner.

Construction steps are not included as they are very similar to those supplied with the APT-2 article. If you could build the APT-2, you shouldn't have any difficulty building the APT-3 by using the documentation in this article. An important difference between the two units is that a larger box (5 X 4 X 3 in.) is used for APT-3. This box permits C1 to be a more-durable air-variable capacitor of metal construction (GC/Calelectro A1-227, Mouser 524-A1-227).

If compactness is necessary, stick with the APT-2 design, perhaps borrowing whatever APT-3 features can be accommodated in the small box. The APT-3 offers slight improvements over APT-2; these aren't enough to make existing APT-2's obsolete, however.

Documentation to follow includes: Figure 1 (Main Schematic), Figure 2 (Front End Card Schematic), Figure 3 (Front End Card Roadmap), Tables 1-A & 1-B (Approximate S3 Frequency Range Switch Settings), and Table 2 (Chassis Box Hole List). This documentation, along with the APT-2 article, should serve as guides to construction. Write to me if you need more construction details.

The usage notes are, of course, similar to those for the APT-2. Differences do occur, however, so it's necessary to read this new usage write-up.

Another use, beyond those in the main body of the article, to which the APT-2 & APT-3 may be put is that of spotting oscillator. In this role, the active tuner is set into intentional over-regeneration (oscillation). No antenna connection is made to the tuner's input jacks; rather, the output is connected to a T-adaptor (Pomona 3285). One T adaptor jack feeds a coaxial cable going to a digital frequency counter, the other jack couples the oscillation signal to the receiver. If the receiver is using a wire antenna, the oscillation signal may be coupled through a small (e. g. 10 pF) capacitor or large resistor (over 10K) from the wire antenna to the T-adaptor jack noted above. If the receiver is getting its signals from a rod antenna or from a loop, connect a short piece of wire (e. g. 1 m) to the T-adaptor, thereby coupling oscillation signal through the air. Such a setup will allow accurate frequency determination on receivers having dial calibration of insufficient accuracy.

Figure 1

APT-3

Main Schematic

Active Parallel Tuner with Regeneration

WA1ION DX LABS : 23 JAN 1984

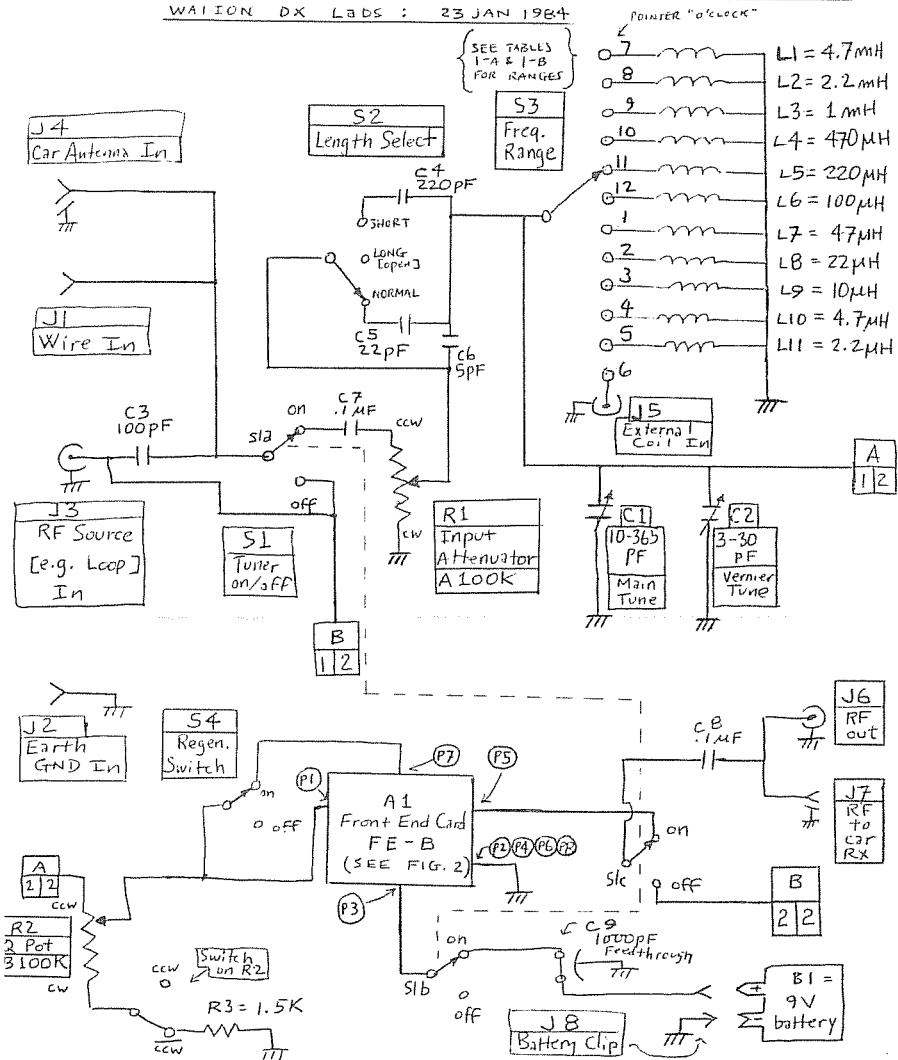
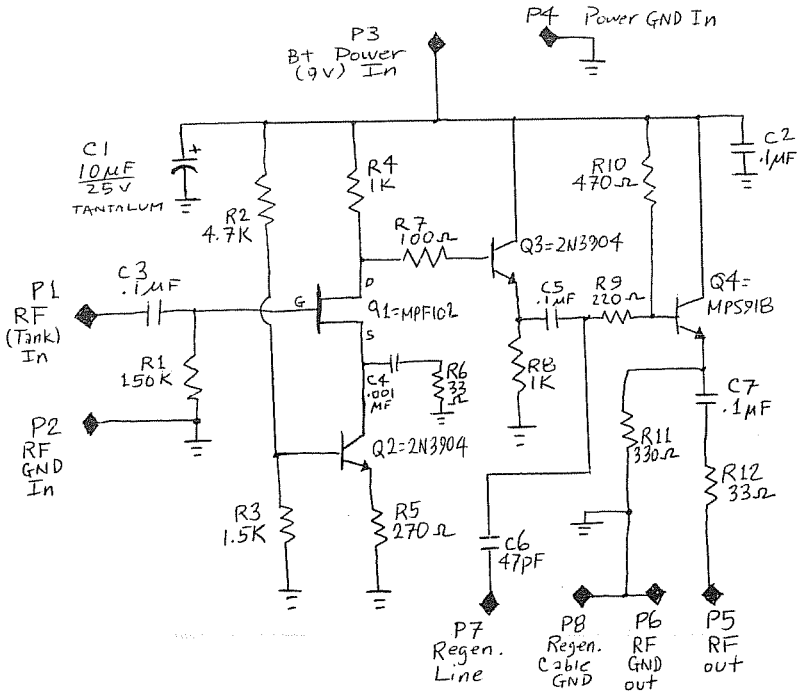


Figure 2

FE-B

A1 of APT-3

Schematic: Regenerative Front End Card



Front End Card component designations are a separate entity from main-assembly component designations.

COMPONENTS REQUIRED FOR FE-B (RS=Radio Shack)

| | | | | | |
|------------------------|-----------------------------------|-----|-----------------------------|---|--------------------|
| C1 | 10μF/25V = Mouser 540-DT525-106M3 | Q3 | 2N3904 = RS 276-1603 | R11 | 330Ω = RS 271-1311 |
| C2 | .1μF = RS 272-111 | Q4 | MPS918 = Mouser 597-MPS 918 | R12 | 33Ω = RS 271-007 |
| C3 | .1μF = RS 272-111 | R1 | 150K = RS 271-047 | <u>Miscellaneous</u> [See APT-2 article] perfboard [1.4x1.7in] Buss wire (4) 4-40 x 1/2" spacers (7) #4 lockwashers (8) 4-40 x 1/4" screws (1) #4 solder lug | |
| C4 | .001μF = RS 272-126 | R2 | 4.7K = RS 271-1330 | | |
| C5 | .1μF = RS 272-111 | R3 | 1.5K = RS 271-025 | | |
| C6 | 47pF = RS 272-121 | R4 | 1K = RS 271-1314 | | |
| C7 | .1μF = RS 272-111 | R5 | 270Ω = RS 271-1321 | | |
| P1, P2, P3, P4, P5, P6 | pushpins = RS 270-1392 | R6 | 33Ω = RS 271-007 | | |
| Q1 | MPF102 = RS 276-2062 | R7 | 100Ω = RS 271-1311 | | |
| Q2 | 2N3904 = RS 276-1603 | R8 | 1K = RS 271-1321 | | |
| | | R9 | 220Ω = RS 271-1313 | | |
| | | R10 | 470Ω = RS 271-1317 | | |

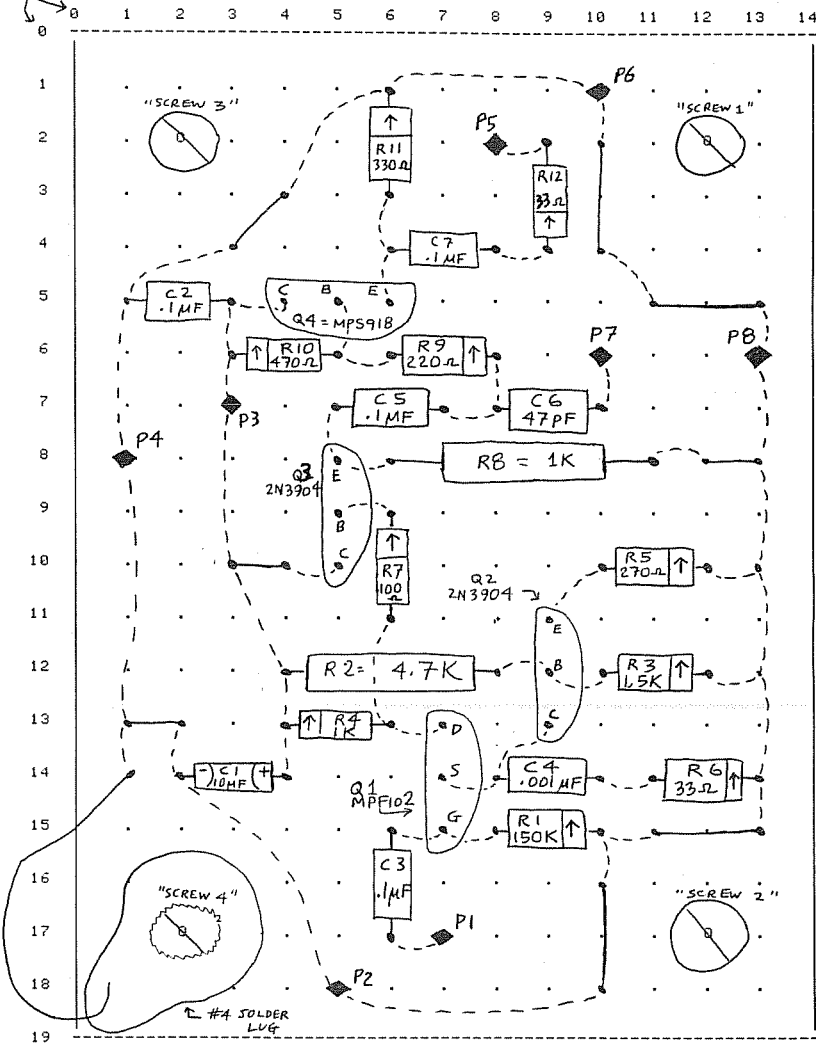
Figure 3

FE-B

A1 of APT-3

Roadmap: Regenerative Front-End Card

DIMENSIONS IN (INCHES X 10)



↑ = LONG LEAD OF VERTICALLY-MOUNTED COMPONENT

Using the APT-3

-
- 1.0 NORMAL TUNING (wire or car whip operation)
 - 1.0.0 Initialisation
 - 1.0.1 [Note - S2 positions: normal=up, long=middle, short=down] Set S2 to 'long' if wire length exceeds 300 ft. in an area with no strong local stations [hereafter defined as 'rural' area] or if antenna is longer than 75 ft. in an area with strong local signals [hereafter defined as an 'urban' area]. Set S2 to 'normal' if the antenna is shorter than the 'long' specifications, but longer than 15 ft. Set S2 to 'short' if antenna is 15 ft. or shorter. Double all length specs. if operating frequency is lower than 400 kHz.
 - 1.0.2 Connect the appropriate antenna to J1 or J4.
 - 1.0.3 Set S4 to down (regeneration off).
 - 1.0.4 Set C1 & C2 to centre (variable capacitors half-meshed).
 - 1.0.5 R1 to fully counterclockwise (CCW): (maximum signal level).
 - 1.0.6 Set R2 to fully CCW (maximum Q).
 - 1.0.7 Connect receiver, with coaxial cable, to J6 or J7. The receiver should be of a shielded (metal case) variety. A transistor portable radio can be used if its rod antenna is kept far enough from the wire aerial to prevent unwanted feedback & instability.
 - 1.0.8 S1 (power) to ON (right).
 - 1.0.9 S3, the frequency range switch, can be preset by referring to Table 1-A; this, however, is optional: S3 will be accurately set in steps 1.1.1 to 1.1.3.
 - 1.1.0 Tuning
 - 1.1.1 Run S3 through all of its positions: find the position which yields the maximum DESIRED FREQUENCY signal. (Don't peak on a spur.)
 - 1.1.2 Adjust C1 for peak signal. If C1 yields maximum signal at fully open [fully CW], move S3 one step clockwise (CW) (= next lowest value inductor) and then repeak C1. If C1 had yielded maximum signal at fully-meshed [fully CCW], move S3 one step CCW (= next highest inductor) and repeak C1.
 - 1.1.3 If, in step 1.1.2, a good peak couldn't be found, or, as the desired signal peaked, an off-channel station's audio simultaneously became clear (e. g. spur or cross-modulation overloading), set S2 to next longer-antenna position (e. g. to long if it had been on normal) & re-iterate steps 1.1.1 & 1.1.2.
 - 1.1.4 If spurs/overloading still occur when the desired frequency is peaked and S2 is on long, use R1 to reduce the input level to the point that the desired frequency signals are 'in the clear'.
 - 2.0 REGENERATIVE TUNING for higher gain & selectivity

NOTES: (1) With APT-3 design, regeneration is only used between 320 kHz and 1900 kHz. (2) The battery must be 'fresh' (7 volts minimum, loaded) for regeneration to work properly, even though 'normal' tuning can be achieved with batteries running as low as 5v.
 - 2.0.0 Initialisation
 - 2.0.1 Tune the antenna 'normally' by performing all Part 1 steps.
 - 2.0.2 Set R2 to midrange (= partially reduced Q).
 - 2.0.3 Set S4 to up (regeneration on).
 - 2.0.4 Observe Table 1-B. Change position of S3, if indicated, so that frequency range inductor selected is optimised for regeneration.

Using the APT-3 (continued)

2.1.0 Tune/Regenerate

- 2.1.1 Perform step 1.1.2 (C1 peaking).
If, at any time, regeneration (squealing) breaks out, move R2 slightly CW until it stops.
- 2.1.2 After C1 has been peaked, gradually turn R2 slightly CCM in SMALL INCREMENTS, while simultaneously re-peaking C1 after each incremental R2 adjustment.
- 2.1.3 When regeneration breaks out, or when selectivity is so tight that received audio becomes 'mushy', carefully play C1 & R2 so that, to the best of your ability, you have a C1-peaked-signal condition at the 'borderline of regeneration', as set by R2. When C1 peaking gets too touchy, use C2 instead.
- 2.1.4 If satisfactory regeneration occurs, there's no need to do subsequent part 2 steps.
- 2.1.5 If regeneration/oscillation only occurs with R2 fully CCM or if adjusting regeneration with R2 becomes too touchy, step 2.1.7 should help.
- 2.1.6 If, even with both R1 & R2 fully CCM and C1 peaked, regeneration cannot be established, set S2 to next longer antenna position, set R2 to midrange, & re-iterate procedure from step 2.1.1 onward.
- 2.1.7 With R2 set at the most-CW position producing oscillation, use R1 & C1 to set peaked maximum useful selectivity condition. Use C2 when C1 adjustment becomes excessively touchy. C1 (or C2) must be retweaked anytime R1 is adjusted.

3.0 REGENERATING THE OUTPUT OF AN AMPLIFIED LOOP OR THE OUTPUT OF A PHASING UNIT (ACTIVE OR PASSIVE)

3.0.0 Active (= built in amp.) Loop

- 3.0.1 Set S1 to off. Connect the loop output to APT-3 J3 (RF Source In).
- 3.0.2 Set S2 to normal length position.
- 3.0.3 Do steps 1.0.3 through 1.0.7.
- 3.0.4 Peak desired frequency in normal manner with loop tuning capacitor.
- 3.0.5 Treat the loop's output as if it were the signal from a wire. Perform steps 1.0.8 through 1.1.4.
- 3.0.6 Once the loop signal has been peaked through the APT-3, the loop position may be adjusted to obtain a 'pest-null' (if desired).
- 3.0.7 Regenerate by executing part 2 procedures, starting at step 2.0.2.

3.1.0 Passive Phasing Unit with Pre-Tune Function

- 3.1.1 Make usual antenna & ground connections to phasing unit. Connect the phasing unit's output to J3.
- 3.1.2 Set phasing unit function switch to Pre-Tune. Set APT-3 S2 to short.
- 3.1.3 Perform steps 1.0.3 through 1.1.4.
- 3.1.4 Execute customary phasing unit pest-nulling procedures.
- 3.1.5 Regenerate by performing part 2, starting at step 2.0.2.

3.2.0 Phasing Unit without Pre-Tune Function

- 3.2.1 Set S1 to off. Do step 3.1.1.
- 3.2.2 Do steps 1.0.3 through 1.0.7.
- 3.2.3 Execute customary phasing unit pest-nulling procedures.
- 3.2.4 If the phaser is passive, set S2 to short. If the phaser has active Line 1 & 2 tuners, set S2 to normal.
- 3.2.5 Perform steps 1.0.8 through 1.1.4.
- 3.2.6 Regenerate by performing part 2, starting at step 2.0.2.

4.0 USE OF APT-3 AS LOOPHEAD TUNER/AMPLIFIER

NOTES: (1) The term 'loophead', for the purposes of this discussion, refers to the actual pickup coil part of a loop antenna system. (2) Two loopheads will probably be required for complete coverage of the 500-1700 kHz MW band. Other heads may be fabricated for LWBC, 160m, etc.

Using the APT-3 (continued)

4.0 LOOPHEAD TUNER/AMPLIFIER (continued)

4.0.0 Preliminary Setup

- 4.0.1 Fabricate air-core or ferrite loophead(s) to be used. These should be of a single-winding type with connections to be made at each end of the winding.
- 4.0.2 For each head, prepare a piece of RG174 cable of 2 ft. maximum length. One end of the cable should be fitted with a BNC plug; the other end should have bared leads (shield and centre conductor).
- 4.0.3 On each head, solder the bared centre conductor of a prepared cable to one lead of the loophead winding.
- 4.0.4 Solder a short insulated hookup wire jumper from the prepared-cable bared shield to the other lead of the loophead winding.
- 4.0.5 Connect the BNC plug of the cable (whose other end goes to the loophead) to J5, the external coil input jack of the APT-3.

4.1.0 Normal Tuning of Loophead

NOTE: Receiver should preferably be of a shielded type so that unwanted feedback / undesired oscillation may be avoided.

- 4.1.1 Do not connect anything to J1, J3, or J4 of APT-3.
- 4.1.2 If the receiver is being operated on batteries or if a cable greater than 3 ft. is to connect J6 or J7 to the receiver, a ground connection to J2 is desirable. The ground chosen may be an earth ground rod or pipe, a mains ground, or a vehicle chassis ground.
- 4.1.3 Set APT-3 controls initially as follows:

- S2 to 'long'
- S3 to EXT. L (6 o'clock pointer position)
- C2 to centre (12 o'clock or 6 o'clock)
- R1 to fully CW
- R2 to fully CCW (= maximum Q)
- S4 to down (regeneration off)
- S1 to Power ON (up)
- C1 is to be adjusted in next step.

- 4.1.4 Connect receiver to J6 or J7 of APT-3. Tweak C1 to obtain maximum signal at frequency of interest.
- 4.1.5 Position loophead for null of 'pest' and/or peaking of a desired station.

4.2.0 Regenerative Tuning of Loophead

- 4.2.1 Perform steps 4.0.1 through 4.1.5 as a prerequisite.
- 4.2.2 Perform these steps in the order indicated: 2.0.2, 2.0.3, 2.1.1, and 2.1.3.

NOTE: Frequency coverage range with a given loophead may differ in the 'normal-tune' mode from that noted in the 'regenerative-tune' mode. Normal-mode range is generally greater as the parallel capacitance of the regeneration circuit is not switched in.

5.0 LOOPHEAD INDIRECT COUPLER

- 5.0.1 The loophead may be placed close to a wire, pipe, or electrical conduit to which a direct connection cannot (and/or should not) be made. One example is the conduit going to the electric meter on the outside of a house. Of course, the loophead, in this application, will not have nulling capability.
- 5.0.2 Position loophead near coupling source.
- 5.0.3 Perform 'normal tuning' steps 4.1.1 through 4.1.4.
- 5.0.4 Move loophead through various placements near the coupling source to maximise signal; then repeak C1.
- 5.0.5 To regenerate after having peaked C1, perform steps 4.2.1 & 4.2.2.

Table 1-A

Approximate Frequency Ranges

C2 at centre. Regen. (S4) off
S2 to 'normal' length setting
Aerial = 100 ft. / 30 m. wire

| S3 Switch Pointer (o'clock) | L uH | fmin kHz | fmax kHz |
|-----------------------------------|----------|-------------|-------------|
| 7 | 4700 | 130 | 250 |
| 8 | 2200 | 170 | 330 |
| 9 | 1000 | 240 | 490 |
| 10 | 470 | 360 | 700 |
| 11 | 220 | 510 | 1030 |
| 12 | 100 | 740 | 1450 |
| 1 | 47 | 1130 | 2200 |
| 2 | 22 | 1680 | 3400 |
| 3 | 10 | 2450 | 4900 |
| 4 | 4.7 | 3500 | 7000 |
| 5 | 2.2 | 5100 | 10000 |
| 6 | EXTERNAL | * | * |

* = range depends on ext. L value

Table 1-B

Approximate Frequency Ranges: REGEN mode

C2 at centre. Regen. (S4) on.
S2 to 'normal' length setting
Aerial = 100 ft. / 30 m. wire

| S3 Switch Pointer (o'clock) | L uH | fmin kHz | fmax kHz |
|-----------------------------------|----------|-------------|-------------|
| 10 | 470 | 320 | 450 |
| 11 | 220 | 440 | 640 |
| 12 | 100 | 630 | 930 |
| 1 | 47 | 920 | 1390 |
| 2 | 22 | 1390 | 1900 |
| 6 | EXTERNAL | * | * |

* = range depends on ext. L value

TABLE 2.

Hole list for APT-3 regeneration-capable tuner
(X=horiz. distance from vert. centreline: - = left of CL, + = right)
(Y=vertical distance from lower horizontal edge of side observed)

LEFT SIDE

| Hole | Comp. | Description | X(in.) | Y(in.) | DIA(in.) |
|------|-------|----------------------|--------|--------|----------|
| 1 | J2 | GND in | -1.5 | 0.5 | 0.3125 |
| 2 | J1 | Wire in | -0.75 | 0.5 | 0.3125 |
| 3 | J3 | RF source in (BNC) | 0.0 | 0.5 | 0.375 |
| 4 | G1 | GND screw, int. lug | 0.0 | 1.125 | 0.113 |
| 5 | J4 | Car Ant. In, screw 1 | 1.0 | 0.5 | 0.14 |
| 6 | J4 | Car Ant. In, body | 1.0 | 0.894 | 0.5 |
| 7 | J4 | Car Ant. In, screw 2 | 1.0 | 1.268 | 0.14 |

TABLE 2 [continued]

APT-3 Hole List

TOP

| Hole | Comp. | Description | X(in.) | Y(in.) | DIA(in.) |
|------|-------|---------------------------|---------|--------|----------|
| 1 | C1 | Main Tuning Cap., screw 1 | -1.625 | 3.125 | 0.14 |
| 2 | C1 | Main Tuning Cap., shaft | -1.625 | 2.5625 | 0.5 |
| 3 | C1 | Main Tuning Cap., screw 2 | -1.625 | 2.0 | 0.14 |
| 4 | R1 | Input Atten. pot, shaft | -1.875 | 0.625 | 0.3125 |
| 5 | R1 | Input Atten. pot, tab | -1.5625 | 0.625 | 0.14 |
| 6 | G2 | GND screw, int.lug | -1.25 | 1.125 | 0.113 |
| 7 | S1 | On/Off switch, tab | -0.625 | 0.625 | 0.113 |
| 8 | S1 | On/Off switch, shaft | -0.875 | 0.625 | 0.25 |
| 9 | S2 | Length switch, tab | 0.0 | 0.375 | 0.113 |
| 10 | S2 | Length switch, shaft | 0.0 | 0.625 | 0.25 |
| 11 | G3 | GND screw, int.lug | 0.0 | 1.5 | 0.113 |
| 12 | R2 | Q pot, shaft | 0.75 | 0.625 | 0.3125 |
| 13 | R2 | Q pot, tab | 1.0625 | 0.625 | 0.14 |
| 14 | G4 | GND screw, int.lug | 1.4375 | 0.625 | 0.113 |
| 15 | S4 | Regen. switch, tab | 1.875 | 0.375 | 0.113 |
| 16 | S4 | Regen. switch, shaft | 1.875 | 0.625 | 0.25 |
| 17 | S3 | Freq.Range switch, shaft | 1.125 | 1.75 | 0.375 |
| 18 | S3 | Freq.Range switch, tab | 1.625 | 1.75 | 0.14 |
| 19 | C2 | Fine Tune cap., screw 1 | 0.125 | 3.568 | 0.113 |
| 20 | C2 | Fine Tune cap., screw 2 | 0.568 | 3.125 | 0.113 |
| 21 | C2 | Fine Tune cap., screw 3 | 0.125 | 2.682 | 0.113 |
| 22 | C2 | Fine Tune cap., shaft | 0.125 | 3.125 | 0.5 |
| 23 | J5 | Ext. Coil in (BNC) | 1.5 | 3.375 | 0.375 |
| 24 | G5 | GND screw, int.lug | 1.5 | 2.75 | 0.113 |

RIGHT SIDE

| Hole | Comp. | Description | X(in.) | Y(in.) | DIA(in.) |
|------|-------|-----------------------------|--------|--------|----------|
| 1 | J8 | Battery Holder, screw 1 | 0.2813 | 2.5 | 0.113 |
| 2 | J8 | Battery Holder, screw 2 | 1.25 | 1.625 | 0.113 |
| 3 | A1 | FrontEndCard, screw 1 | 1.625 | 0.5 | 0.113 |
| 4 | A1 | FrontEndCard, screw 2 | 1.625 | 2.0 | 0.113 |
| 5 | A1 | FrontEndCard, screw 3 | 0.625 | 0.5 | 0.113 |
| 6 | A1 | FrontEndCard, screw 4 | 0.625 | 2.0 | 0.113 |
| 7 | C9 | B+ in feedthrough cap. | -1.375 | 0.5 | 0.188 |
| 8 | G6 | GND screw, int. & ext. lugs | -0.75 | 0.5 | 0.113 |
| 9 | J6 | RF out (BNC) | 0.0 | 0.5 | 0.375 |
| 10 | J7 | RF to car RX, screw 1 | -1.375 | 1.894 | 0.14 |
| 11 | J7 | RF to car RX, shaft | -1.375 | 1.5 | 0.5 |
| 12 | J7 | RF to car RX, screw 2 | -1.375 | 1.106 | 0.14 |

NOTES: C1 is GC/Calelectro # A1-227. J8 is Acme type. C2 is Etco # SV408

Box = Mouser # 537-TF-779 (5" x 4" x 3")

**TOP
END**

February
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 off, it looks like KPE-643 (WATD) will be delayed more due to tower construction hangups. More as it happens.

I was asked what reference books I use to ID beacons. Two are available:

1. The Beacon Guide by the late John Clements and Ken Stryker. I don't know if it's still around in any quantity. Try Century Print Shop, 6059 Essex, Riverside, CA, 92504-1599
2. Handbuch der Funknavigationshilfen by Dr. Jurgen Trochimczyk. It's available in the States from: Sol C. Quintos, 2055 E.Hampton 202, Mesa, AZ 85204. It's an alphabetical list, seems accurate, and easy to use.

Loggings:

- 1613 GUATEMALA Rabinal 0820 1/16 RAB good. (Neal)
- 1615 NEW ZEALAND Ohura 1615+ 1/11 OR fair. IDB every six sec. (Arthur)
- 1615 ??? 1525 1/22 Another CW beacon, very weak under OR. (Arthur)
- 1620 ??? 0504-0507 1/5 SDT good. Keying inaccurate, last dit in "S" is slightly prolonged. Letter spacing is short. Weak 0630 1/18 (Healy)
- 1621.2 ??? 0818 1/16 UDT fair. (Neal) see above? ed.
- 1622 ??? 0819 1/16 KA83736 fair. (Neal)
- 1637 ??? 0657 1/17 KA80084 fair-poor. (Neal)

1637.6 ??? 0652 1/17 D381 good. (Neal)
 1641.5 ??? 0614 1/10 0450 fair. (Healy)
 1642 ??? 0525,0529 1/5 0384 and dash very good. (Healy)
 1642 ??? 0526,0530 1/5 V443 and dash good. (Healy)
 1642 ??? 0528,0540 1/5 A183 good. (Healy)
 1644 ??? 0558-0612 1/17 Tuned into sound similar to computer program being loaded from cassette. At 0603 it changed to the sound of a European police siren (hi-lo-hi-lo etc.). At 0607 it went into LGB-TLX brap braaaaa brap (see last month). Also good 0534-0537 1/5. This is one of the wierdest things I've heard in this band. (Healy)
 1649 ??? 1609 1/22 Man in possible JJ or KK, multisyllabic so not Chinese lang. Fair to weak. (Arthur)
 1649 ??? 0552,0555 1/17 KA81193 fair. (Healy)
 1651 ??? 0325, 0329 1/16 J320 and dash fair under Teledon. (Healy)
 1659 ??? 0546-0555 1/5 Either RTTY on idle or a nav. station different than any heard here yet. Uses FSK. Fair, but deep fades. (Healy)
 1660 HAWAII Honolulu 1430+ 1/21,1/22 Mixing product of KCCN-1420 and KISA-1540 fair-good. Clearly identifiable. (Arthur)
 1665 ECUADOR Lago Agrio 0540-43 1/1 LAG fair. (Healy)
 1689 PAPUA NEW GUINEA Mt. Hagen 1515+ 1/22 MH good. (Arthur)
 1690 CHINA?? 1515-1600 1/22 Uninterrupted Chinese style organ mx until woman in CC at 1558, s/off 1600. Weak-fair. Where?? (Arthur)
 1691 ??? 0602-0603 1/18 RTTY station hrd briefly. S/off, not fade. (Hly)
 1697 CUBA 0305 1/5 Cuba is the location of the BC station hrd here occ. Definite annocmnt as such 0305. Suspect this is the R. Cadena Agremonte xmtr listed on 1580 which was near 1690 a few years ago- but the present signal is much weaker. (Stanbury)
 1700 CHINA?? 1535-1557 12/30 Woman talking in Chinese to 1555, then silence. CC choral mx and carrier cut 1557. 15-20 db RF w/ some noise and slight fading. Peking, Taiwan, or ????. (Arthur)
 1700 CHINA?? 1513-1658 1/22 Woman talking in Chinese until tech problems cut her off @1628. Back about 1631 w/ CC mx to s/off @1658. Music sounded like what I hear on R. Beijing, so probably not Taiwan. Fair to excellent. Was not // to 1690. (Arthur)
 1704 ??? 0537-0538 1/14 USB stations here, one at 1704.3 kHz. Too weak to ID lang., but seemed SS. (Healy)
 1705 ??? 0506,0509 1/16 KA83758 fair. Also 0610 1/18. (Healy)
 1709.5 ??? 0629-0631 QRL AS hrd. Whoever sent this is busy, I guess. It repeated every 10 secs. Spur from Maritime station or Ham?? (Healy)
 1713 ??? 0530-0536 1/14 RTTY very weak. Cubic Argo ("cricket") 1kHz above. (Healy)
 1722 ??? 0604-0634 1/5 FF (not SS) USB stations noted fair-poor. (Healy)
 1722 ??? 0613-0653 1/17 FF USB stations again, fair to good this time. Parisian, not Canadian FF. Used lots of phonetic spellings (Lima-Oscar-November etc.). Many numbers spoken as well. RTTY heard as well, but as if coming in an open mic. after 0635. Sometimes voice along with it. RTTY sound shut off abruptly sometimes. Woman also heard @0646. Mentions of "Route 16", "Paris", "Africa". Also hrd 0635-0636 1/16, weak 0615 1/18. (Healy)
 1752 ??? 0825 1/16 KCB7 fair-good. (Neal)
 4500 MI Detroit WLOV 3rd har. heard midday w/ rel. pgm. (Stanbury)

Credits:

C.M. Stanbury, Ridgeway,ON, Collins 51J4, 90' lw
 Sam Neal, Cleveland,TX, RBC-75A4-TS830, 10mHz vert.- zepp
 John Arthur, Pahoa,HI, R388, 100'lw, 90m dipole
 me, Pawtucket,RI, R7A, 125' loaded lw, regen. tuner
 Those Chinese or whatever loggings of John Arthur's are rather intriguing. Any of our members in that part of the world want to try to ID them?
 Onegal-simasu??

And the last thing we have is a list of frequencies assigned by NOAA for Marker Beacon Buoys: 1618.65, 1653.425, 1718.59, 1718.65, 1798.5, 1799.6 and seven more over 2300kHz.

Oh yes. Sometimes I get a few things I can't use: Loggings of open carrier (no modulation) A0, cordless phones, stations (except harmonics) above 1800 kHz, and pirates. Most everything else from 1600-1800 is fair game.

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