



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

February 18, 1984

Volume 21, Number 22

Issue Number 677

In This Issue

| | | | |
|-----------------------------------|----|--------------------------------|----|
| Western DX Forum | 2 | Anti-Cuban Broadcasts | 18 |
| US/Canada Sign AM Radio Accord .. | 3 | Eastern DX Roundup | 19 |
| The MWDX-2 Phasing Unit | 4 | DX Worldwide West | 20 |
| Western DX Roundup | 13 | Pushing the Manic Button | 22 |
| Central DX Roundup | 18 | Radio Shack SW-60 Review | 23 |

What's Happening?

MEMORIAL EXPEDITION. A Beverage antenna expedition will be held in memory of John Clements on the weekend of March 24-26, 1984 in the desert near 29 Palms, CA. This is the site where John DXed from on many occasions during the past 10-12 years and where a lot of interesting Latin American DX has been heard. Any interested DXers are invited to attend. For more details on location, transportation arrangements, and so on, contact Greg Hardison at 801-891-4252 or Paul Swearingen at 818-7651.

KUUY CHANGING FREQUENCY. Rob Harrington, in another recent communiqué, says KUUY-1530 in Cheyenne, Wyoming, will change frequency to 870 later this year. They are currently constructing their new transmitter site and multi-tower array, and hope to begin operation on their new frequency by September or October. This was per a recent phone conversation between Rob and KUUY's chief engineer.

PRESIDENTIAL PRIMARIES. We are rapidly approaching quadrennial pheonoemon in this country known as presidential primaries (and caucuses). It's possible that some radio stations may stay late to cover the results of the balloting (assuming they aren't already operating 24 hours). So, you might want to check the dials on the nights of voting in states near yours. You might be able to hear some rare station staying on a couple of hours later than normal.

DX TEST*****Sunday, February 26*****WLNT-1140 in Loudon, TN will test 0000-0100 EST with 1000 watts, non-directional. The test will include country music, voice IDs, and some 1000 Hz tones. Phone number is 615-458-4621. Address for reports: Howard Oberholtzer, jr., Chief Engineer, Radio Station WLNT, PO Box 465, Loudon, TN 37774. Info via NRC.

News from Headquarters

If you have written to headquarters about something recently and are waiting for a reply, there is a reason for the wait. Both Phil and I have been working a lot of overtime at our respective jobs lately. Which means that club activities have been cut back to the bare minimum (publishing DX Monitor, mailing DX Monitor, etc). The less urgent activities, such as sending out new member packets and replacing lost or damaged bulletins, are still getting done but at a much slower rate. So if you've written us about something and you don't hear back after 3 or 4 months, better write again to jog our memories. There's light at the end of the tunnel, but I'm not yet sure if it's daylight or an oncoming train.

ALMANAC UPDATER. Bill Hardy is currently working on a big Almanac updater. He says there's still time to include any information he hasn't already gotten, so if you have any info on additions, deletions, or changes to the latest Almanac, send them to him at 2301 Pacific Avenue, Aberdeen, WA 98520. At the very worst, if it doesn't make it into this updater, it will make it into the next one.



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. .

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

DX of late continues to be on the slow side. Have been trying to verify the other eight Oregon stations I need, or at least some of them. Reports out to: KURY, KBKR, KDOV, KBDF, KKA, KUTY, CKO01, CHED, CBKF2, CKOO, CKSP. Veries in from: KCJJ 1560, CJCL 1430, KSPT 1400, KGRV 700 (should be on fulltime by the time you read this with 25/.5-religious), KASY 1210 (now 24 hours with 1/.25 kw, soon to be 10 kw days), and KOC E 950.

News of late -- KYTE 970 Portland is now MOYL, ex-RR (and ex-CWM, hi-Rth). Apparently (the story is), KUPL 1330 has done quite well with the format; last rating period #7 overall, but couldn't sell the format. KYTE was country for quite sometime, recently changed to RR (last year - automated), and lost their shirt on that move, so they've moved over to MOYL. Meanwhile, KUPL (AM & FM) is going country. That will make KWJJ, KRDR, KUPL, KUIK, KVAN, KOHI, KUPL-FM and KJIB-FM all country in metro Portland. KJIB-FM came in #1 last time around. (Boy, I'm moving to Portland - country hog heaven, hi-Rth.)

Over on the other side of town, KYXI 1520 can't seem to make it at "all news," so they're changing to an adult MoR on 20 February, scraping most of the news. They'll still run old time radio at night, however.

Seems like the buzz from the heating pad is gone. Haven't heard it in quite some time. Hope it stays that way.

Have been hearing from Rob Harrington lately. Thanks for the call.

That's it this time. Good DX and 73.

JOHN E. WALLACE, JR., 24902 ALTAMIRA DR., LAGUNA HILLS, CA 92653

Well, hello there. I haven't forumed in quite a while so I'd better take action.

JOB 828 Osaka boomed in during the Christmas season and would het WCCO at around 0130 PLT and then fade out 30 minutes after sunrise.

Antennas or even hanging clothes to dry in front of your house is illegal here, but no one notices the several antennas I've constructed in different directions with the assistance of Mark Strickert who "volunteered" to do so when visiting Southern California last November. This antenna system does work, you can null, which is a big help here.

While vacationing in Julian, California (40 miles east of Escondido), I put up at 120-foot-to-140-foot wire to the east and was able to receive KCLG, KBLU, KTAR, KOY, KOWN, all at noontime with very good signals. I plan to go on another San Onofre DX'pedition in February, yes, I'll have to crunch through four-to-five-foot-high brush, but that's nothing compared to the woods back east I would hack through as a kid. But then, finding beachfront property in Southern California for a DX'pedition is nearly impossible. (Just stay where you are -- Laguna Hills will be part of Laguna Beach soon, hi-Rth.)

Over Christmas vacation I received Idaho on 1400, KEST San Francisco over Escondido, and some other interesting stuff. Conditions have been much better this winter than last. Am also getting into LW DX.

I would much rather have a station on tape than QSL; it's much easier and there's no room for doubt, just play the tape. But, it's always thrilling to receive a QSL from 882 Mongolia, but taping is a superior method, remember, it's 1984 now, not 1949, ha!

Is there going to be a Twentynine Palms DX'pedition soon? Just wondering. 73 and best of DX to all.

PAUL W. PETERSKY, 15 S. CLARKSTON ST., #311, DENVER, CO 80209

Greetings. Although I've renewed my membership a half-year ago, I've been involved in a myriad of activities, including two moves. Now that the dust has settled, I'm ready to do a little DX'ing from my new QTH.

For an intro, I'm 28 and a marketing research analyst at the Coors brewery in Golden. I started DX'ing in 1968 as an SWL DX'er and graduated to the BCB ranks with the acquisition of an old NC-183d receiver.

A good season and the collaboration of several Seattle DX'ers brought my foreign countries heard total to 36 by 1973 and that is when all hell broke loose. My receiver caught fire in the front end and Bruce Portzer has nursed it somewhat back to life, but since then I haven't had a good rig for BCB.

I'm presently using a Sony ICF-2001 and a Worcester SM-2 loop antenna. This combo proved to be a fair-to-good unit while living in Houston, but not in the league of a decent communications receiver.

As a YP, I've opted for an inner city QTH which is great for general lifestyle, but not for low QRN. Over the years I've found apartment and DX do not go hand-in-hand. (10-4 on that, good buddy-RtH.)

I'd enjoy teaponding with any IRCA member, particularly with an interest in swapping some music. Colorado DX'ers, give me a holler and let's get together sometime. 73. (Welcome to WDXF, Paul - hope to hear from you when time permits. But please double-space, my poor bloodshot eyes, hi-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

Howdy gang. Well, two weeks to go from the time you read this until the deadline for IRCA's 20th Anniversary issue of WDXF. If you've never forumed before, don't be intimidated on how or what to write. Just send a few lines introducing yourself and your interest in the hobby. Let's make this issue a real block-buster!

Pat, we have two of KWJJ's ex-DJs working at local KRED 1480. What are big-city, slick-sounding, smooth-talking jocks doing in this tiny market, you ask? One, Robert W. Meyers bailed out of the rat-race after making his "fortune," and the other, Huggy Hart (formerly of Portland's Heartline) is taking care of an ailing mother and working Portland weekends at KWJJ.

Local ratings proved quite interesting on the last go-around. In the 18-35 crowd it's KATA 1340 and KRED 1480 (#1 and 2), 25-54 crowd it's reversed with KEKA 790, KINS 980 very distant third and fourth and KNCR 1090 barely showing. KRED and KATA account for 70% of total audience. Birch does the reporting around here. However, KEKA FM finally got their CWM going (4 PM to 8 AM PLT), so things may change a bit. Their tower is atop a 3200-foot high hill and running 100 kw.

John, as McGreevy can verify, there are many long stretches of deserted beaches up here on the North Coast within a 45-minute drive of Eureka where one or more Beverages can be constructed in absolutely noise free locations, and there'd probably be no one else around. And just a short distance more, mountaintop after mountaintop for FM/TV DX.

As you might have guessed from the content of this forum, I haven't been DX'ing much, but then what else is new?-hi.

Hope your DX is better than mine. 73 de RtH. .

U.S., Canada Sign AM-Radio Accord; New Stations Seen

By a WALL STREET JOURNAL Staff Reporter
OTTAWA—The U.S. and Canada signed an agreement on AM-radio broadcasting that will open the way for new stations in both countries.

Canadian officials said the agreement grants Canada access to more than 100 new AM-station assignments in the U.S. U.S. officials said the accord also provides extensive new opportunities for U.S. broadcasters. The agreement is designed to make full use of the AM band of 535 to 1065 kilohertz.

AM-frequency assignments had been made since 1950 under the provisions of the North American Broadcasting Agreement. That agreement assigned 25 channels to the U.S. and seven to Canada for each country's exclusive use. The new agreement eliminates exclusivity, permitting the 32 channels to be shared by the two countries.

The new accord contains a frequency-assignment plan that covers North America city by city, officials said.

Canadian Communications Minister Francis Fox said the pact will "inaugurate a new era for Canada-U.S. AM-radio broadcasting."

In Washington, a Federal Communications Commission official said the agreement will allow the agency to proceed with consideration of 350 broadcasting applications, some of which date from 1980.

Canadian officials said its Communications department will issue a notice of new radio licenses that will be available soon in various U.S. Canadian communities.

The U.S.-Canada agreement is compatible with a new international telecommunications accord that covers broadcasting in the Americas, the Canadian officials said.

Wall Street Journal
1-18-84
via Matt Stutterheim

HERALD-NEWS

Joliet, Illinois, Friday, November 11, 1983.

50 YEARS AGO, 1933-
Radio Station WKBB,
which has operated in Joliet
for several years under the
direction of Ray Fay, is
broadcasting its last program
in this city today. Tomorrow
the station will open in East
Dubuque, Ill. on a new wave
length.

via Tom Jasinski

The MWDX-2 Phasing Unit

Part 1

Mark Connelly - WA1ION DX Labs - 10 JAN 1984

There's been a renaissance in serious DXing in the '80s - truly fantastic catches by Neil Kazaross, George Hakiel, Brian Vernon, Bill Bailey, Pat Martin, and others frequently evoke memories of the late '60s Nelson era touted by some as the 'golden age of DXing'. Actually the current DX reported is of BETTER quality when you consider the increased domestic station & man-made noise QRM problems besetting us today.

Phased Beverages or phased longwires are an important part of many topnotch foreign-DX listening posts. As mentioned in previous discussions of phasing, it is not always a direct substitute for a good loop; simultaneously, a good loop is not always a substitute for phased wires. The serious modern MW DXer calls upon both methods of 'pest' nulling frequently and soon recognises which method will work better for a given kind of DX at his QTH.

A few years back, an article describing the construction & use of the 'MWDX-1' passive phasing unit was published. Several people have built variations of this unit and have generally had good luck with it.

Interest in phasing units has remained high, especially in light of the recent Kaz-lead African/northeastern Brazilian DX 'stampede'. Recent experimentation with phasers having dual active-tuner inputs has shown that aeriels as short as 2 ft/ 0.6 m [e.g. car whips] may be phased to produce nulls of unwanted stations, reducing QRM to both weaker co-channel stations & to adjacent channel stations.

Q-Spoiling: Key to Phase Null Stability

Testing of both active & passive phasing systems has been done at my West Yarmouth (Cape Cod), MA. foreign-DX monitoring station/antenna lab. Also, Neil Kazaross has helped me greatly by testing phasing units at his superb DX QTH in Ogunquit Beach, Maine - the first permanently-occupied Atlantic seashore Beverage-equipped installation in many, many years. (As we should all know, salt water on desired paths coupled with poor-ground blockage on undesired paths can be as valuable to a knowledgeable low-angle [e.g. foreign] & groundwave DXer as the best receiver money can buy.)

Both Neil & I have established that steadiness of nulls is superior on phasers using dual passive-series-tuner (PST) inputs than on those using initial-design active-parallel-tuner (APT) inputs.

The reason for this turns out to be primarily a matter of tuner circuit Q [selectivity]. The APT-type input, unless deliberately Q-spoiled, is so sharply tuned that null stability, even on groundwave stations, is inferior to that of the older PST-inputs design. A sure sign of excessive Q in a phasing unit's input tuners is that, when a pest-station's carrier is nulled, the sidebands are still strong, producing the 'Donald Duck audio' reminiscent of ham SSB copied on a receiver in the AM mode. A proper phasing system must consist of tuners sufficiently broadband that when a moderate-strength station is phased, its audio & carrier go away together, leaving clean reception of subdominants which, initially, may have been 40 dB below the dominant station. Minor touch-up of the vernier null controls should remove all slop from 10 kHz adjacent stations which were originally 60 dB weaker than the now-nulled pest station.

A dual-APT-input type phaser (= active phaser) can be Q-spoiled to enhance null stability; this can be accomplished by installing a 0 to 100K pot in parallel with each APT's tuning capacitor. The same technique can be used to Q-spoil loops - an important consideration for stable loop vs. wire or loop vs. loop phasing arrangements. Some have assumed that the transistors in loop amps. & active wire tuners lacked phase/gain stability, hence causing unstable nulls. This is less likely to be the problem than the inherently high Q of such circuits.

Future articles are planned to deal with improved shortwave phasing using Q-spoilable active input tuners. Also under design: a dual Passive Parallel Tuner [PPT] longwire phaser of comparable performance to the MWDX-2 and having as benefits simpler operation & easier construction.

The PST-type input tuner design works well as Q is spoiled by adjustment of the series pot between the aerial's impedance & the impedance of the associated passive series input tuner. Of course, anytime the Q of a tuned circuit is degraded, system sensitivity decreases & the likelihood of spurs from off-channel stations increases. For the first reason, the use of an amplifier after the phaser is recommended: this is especially true when wires less than 328 ft/100 m are being used during low-signal conditions [e. g. daytime or auroral night-time]. For the second reason (spurs), a high-Q tuner should be inserted between the phasing unit output & the receiver input. In the first case, a broadband amplifier (cascaded MWA-120's for instance) could be used and in the second case a passive-parallel-tuner could be employed, but the most elegant solution to both the low signal & spur/low Q problems is the use of the APT-2 (Active Parallel Tuner with regeneration capability). Construction & use of the APT-2 tuner (including use as a tunable output amp. for phasing units & loops) was described in a recent DX Monitor/DX News article.

Neil Kazaross has reported good results by following his dual-PST-input passive phasing unit with the APT-2. The regeneration feature of the APT-2 is occasionally employed to enhance reception of the weaker Trans-Atlantic 'spliffs' after phasing has removed the bulk of the adjacent channel domestic-station interference.

MWDX-2: An Improved Passive Phaser

As most DXers who want to use phasing will be using aerials of length greater than 82 ft/ 25 m and because most have stated that a single-box design is more convenient, if less flexible, than the modular (3-box) approach, a unit equipped with dual PST-type input tuners will the subject of this article. This unit, the MWDX-2, offers substantial design improvements over the old MWDX-1.

Complete step-by-step construction details, of the sort offered with MWDX-1 & APT-2, take up much valuable space & are boring to many readers. Such documentation for MWDX-2 will be limited to bare essentials: schematic with itemisation of critical parts, hole list, and details of the 'floating' variable-capacitors and RF transformers subassemblies. Data supplied should be sufficient for the experienced 'homebrewer'. The author will supply more detailed information upon request as well as components at cost plus shipping to those who want to build the MWDX-2. The unit should be producible for about \$100 if some of the parts are acquired at ham-radio 'flea-markets' rather than at commercial suppliers such as Radio Shack, Mouser, & Etc.

Experimentation with several toroidal core materials has shown that the Amidon FT-82-77 core provides good performance at reasonable cost (90 cents per core). The FT-82-61 cores used in previous designs exhibited some signal loss at frequencies below 800 kHz. The Miller F-87-1 cores work well, but are expensive (now \$5.99 at Mouser). The next round of experimentation here will involve evaluation of pre-made phase-reverser & balun transformers produced by Mini-Circuits Labs, Vari-L, & several other firms. Suffice it to say, if well-performing, reasonably priced, pre-fabricated RF transformers are found, you'll read about it shortly. Winding transformer toroids and mounting them on vectorboards is one of the more tedious aspects of phasing-unit construction.

Figures 1 through 4 are the schematics for the MWDX-2 one-box dual-PST-inputs type phasing unit. Note the Frequency Range switch charts accompanying Figures 2 & 3. Table 1 lists holes to be drilled in the chassis box. For required tools, construction tips, etc. those outlined in the recent APT-2 construction article should prove to be of assistance.

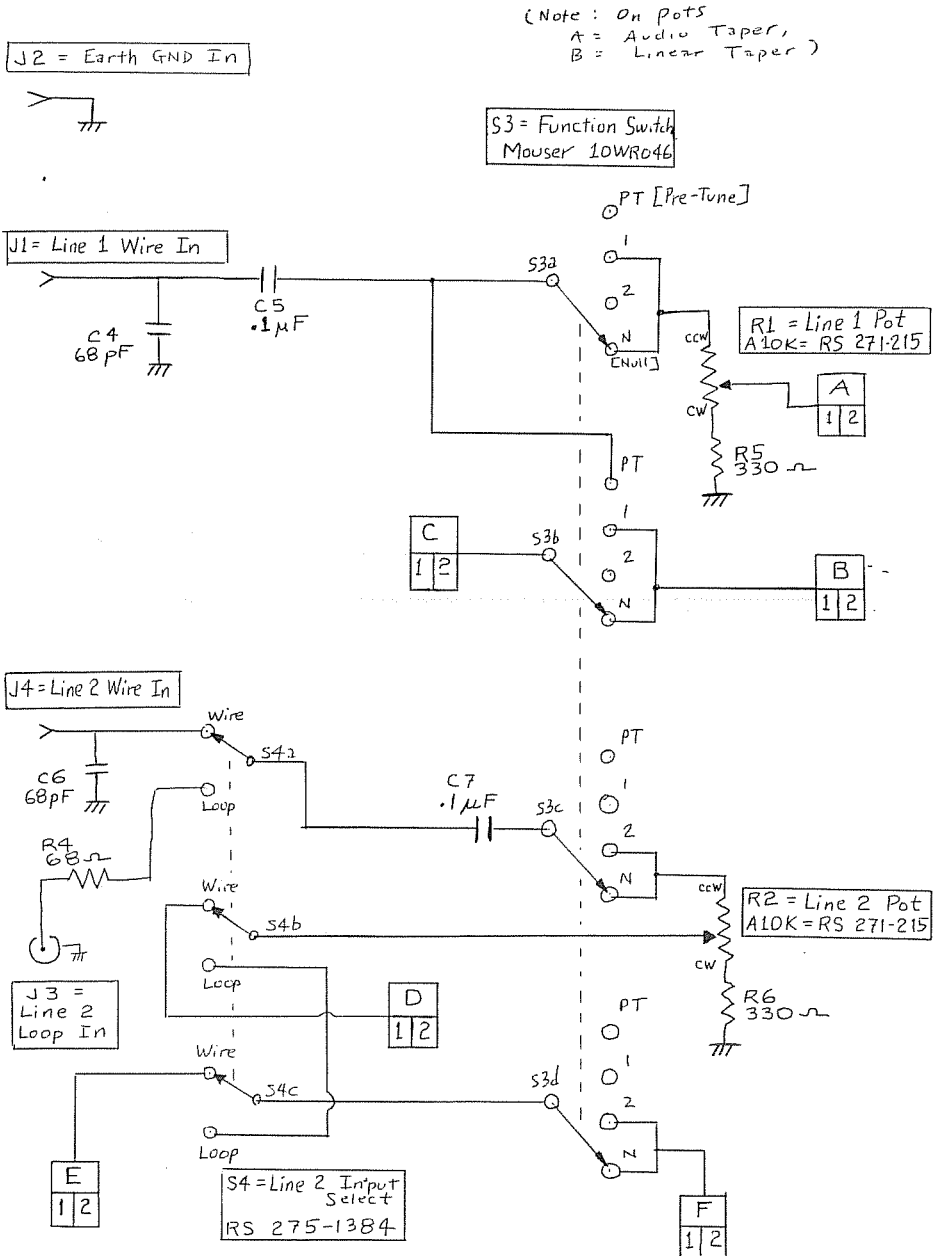
Figure 5 gives information which should be useful in fabricating the floating (=ungrounded) C1 & C2 tuning capacitor card subassemblies.

Figure 6 is the T1 Phase Reverser Card subassembly drawing and Figure 7 is the drawing for the T2 Balun Card.

MWDX - 2

1-Box Passive Phasing Unit
for Wire Aerials of Length $\geq 25\text{m} / 82\text{ft.}$

Figure 1 : Schematic, Input Switching



MWDX - 2
Phasing Unit

Figure 2 : Line 1 Wire Tuner

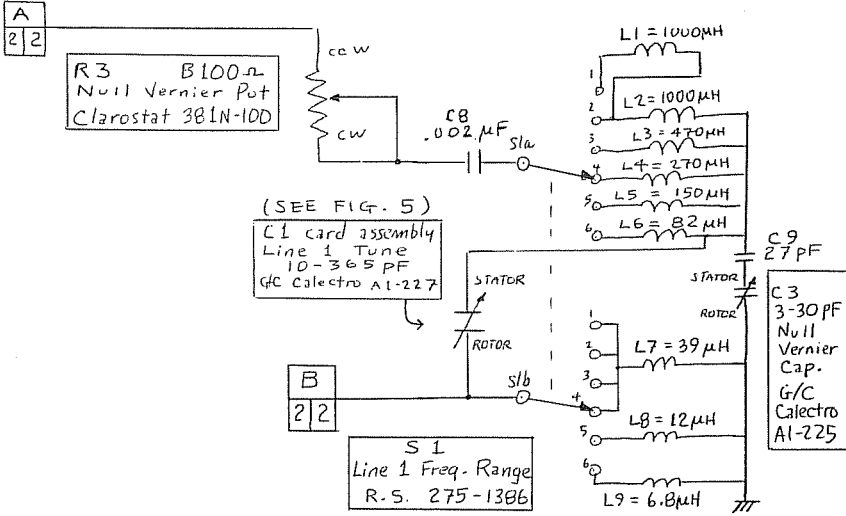
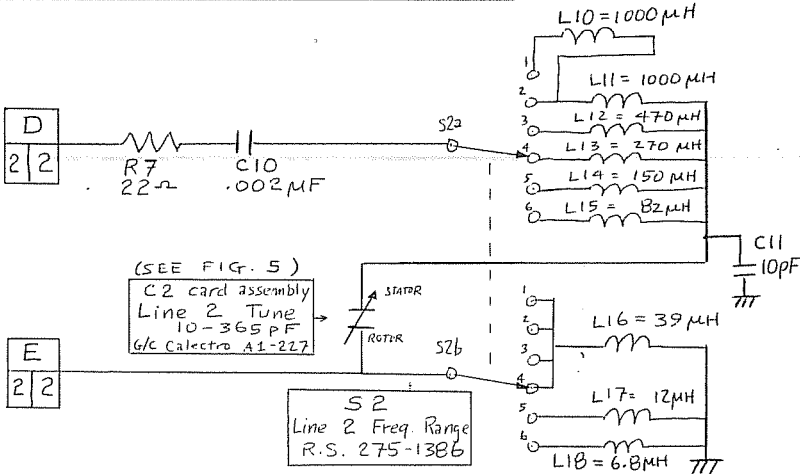


Figure 3 : Line 2 Wire Tuner



| S1, S2 "Ballpark" Settings [30m/100ft. wires] | | | | | | | |
|---|--------------------------|------------|------------|---------|--------------------------|------------|------------|
| Range # | Switch Pointer "o'clock" | F min. KHz | F max. KHz | Range # | Switch Pointer "o'clock" | F min. KHz | F max. KHz |
| 1 | 9:30 | 450 | 530 | 4 | 12:30 | 950 | 1100 |
| 2 | 10:30 | 530 | 700 | 5 | 1:30 | 1100 | 1700 |
| 3 | 11:30 | 700 | 950 | 6 | 2:30 | 1700 | 2400 |

Inductors are Mouser 43LR series, or equivalent

MWDX-2

Phasing Unit

Figure 4 : Phaser Output

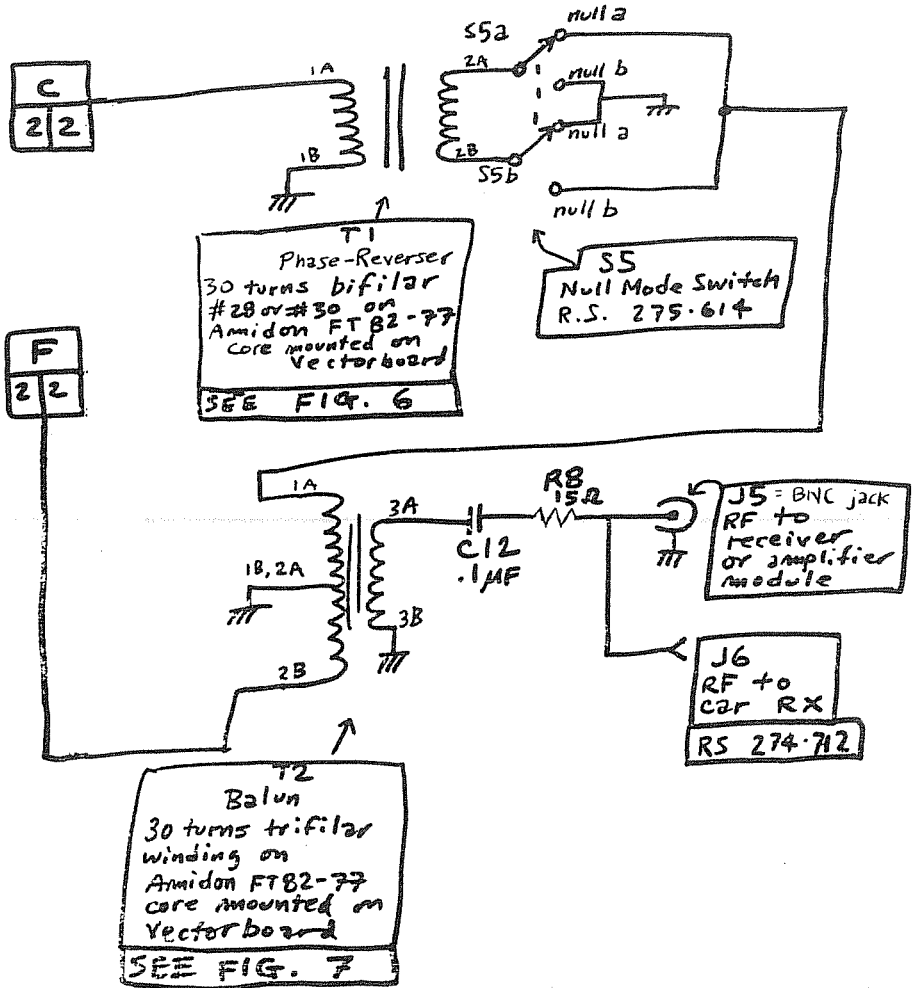
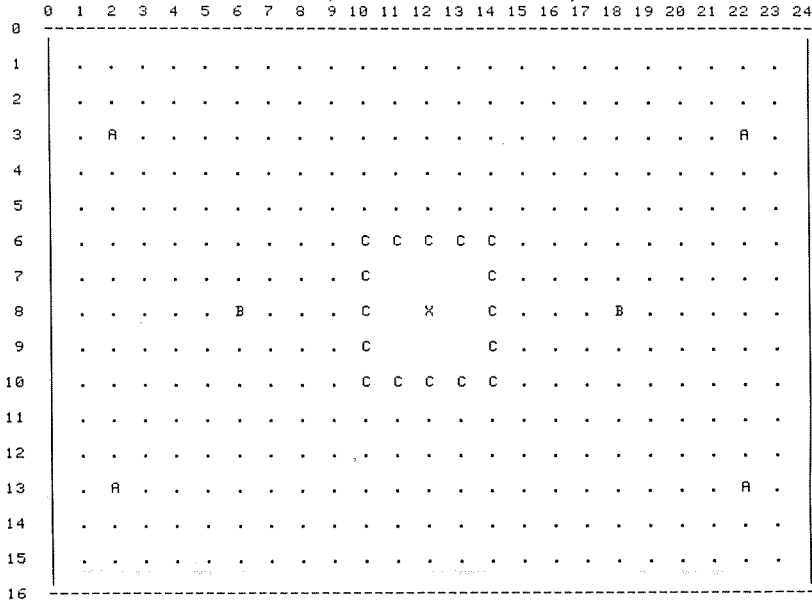


Figure 5

C1 & C2 Floating Variable Capacitor Cards [A1-227 air cap.]

Hole Diameters:A=.14 (#28),B=.221 (#2),C=.113 (#33)

[Dimensions in inches X 10; card size = 1.6 in. by 2.4 in.]



CAPACITOR USED = GC-CALECTRO A1-227/MOUSER 524-A1-227
 Punch out square defined by C holes. X is centre of cap.shaft
 This is top [capacitor shaft protrusion side] of card.
 Cap. body is behind card as viewed; plates, if visible, would be
 seen to be pointing upwards on this page.

Corresponding top side chassis holes (per Table 1)

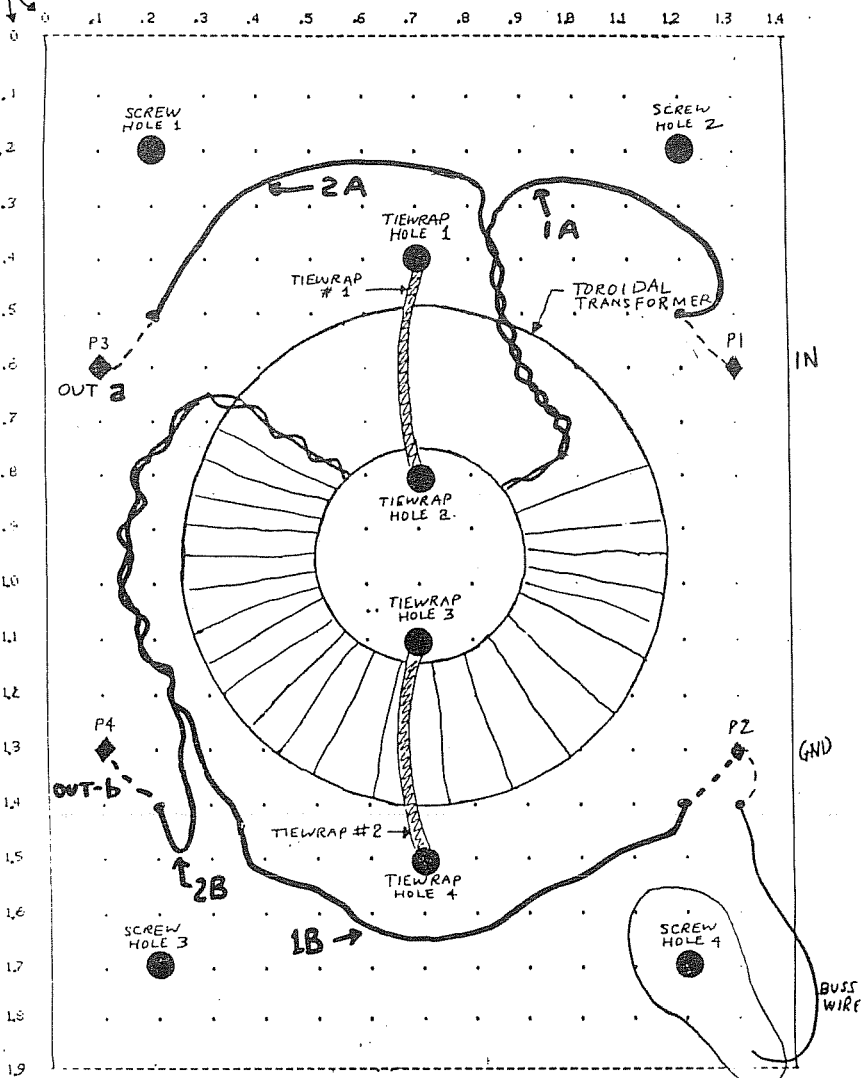
- screw 1 (card column 2, row 3) = hole 10 (C1), hole 32 (C2)
- screw 2 (card column 2, row 13) = hole 11 (C1), hole 33 (C2)
- screw 3 (card column 22, row 3) = hole 13 (C1), hole 35 (C2)
- screw 4 (card column 22, row 13) = hole 14 (C1), hole 36 (C2)
- shaft clearance = hole 12 (C1), hole 34 (C2)

Cap. is mounted to card at B holes: card topside = head, 6-32 X .25 screw
 Between card & cap. body = two #6 split lockwashers
 A series holes hardware (installed after mounting the
 cap. on the card): Cap. body side of card = head, 6-32 X .375 screw
 Top side of card = split washer against card, two 6-32 nuts
 After installing 'A' hole hardware and placing card such that the
 shaft of each screw protrudes thru proper chassis holes, install
 lockwasher & 6-32 nut on each screw shaft on outside (top
 side) of chassis box.

FIGURE 6

T1 [PHASE - REVERSING TRANSFORMER]

DIMENSIONS IN INCHES [BOARD SIZE 1.4" W X 1.9" H]



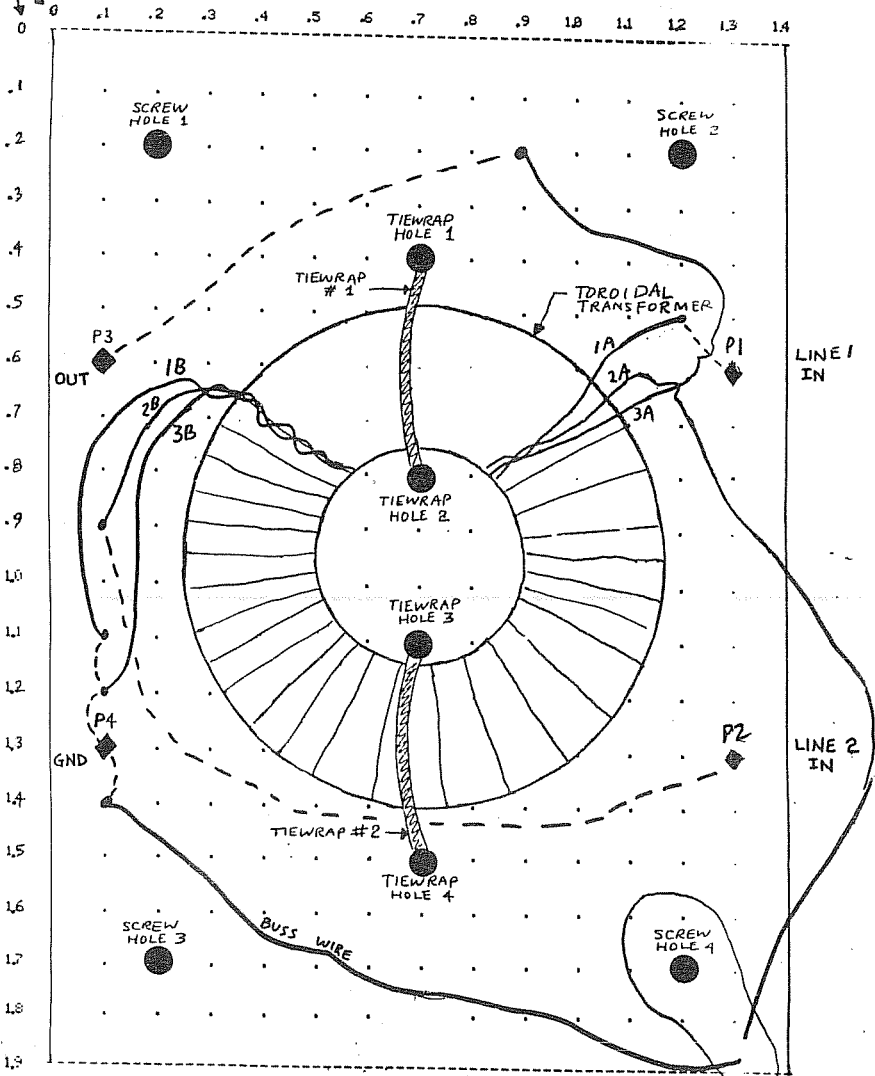
Core = Miller F-87-1 or Amidon FF82-77
 # of bifilar windings \approx 25 to 35

Mounting RF Transformer Card Subassemblies

- Stage 1: At card screw hole locations 1, 2, & 3) install (at each hole) a 4-40 X .25 screw, a split #4 lockwasher, & a 4-40 X .5 hex spacer so that the screw head & the washer are on the transformer side of the card & the spacer [enclosing the screw shaft] is on the backside of the card. At screw hole 4, follow the same procedure, except use a #4 solder lug instead of the lockwasher.
- Stage 2: Mount the card to the inside of the chassis box by installing 4-40 X .25 screw with #4 lockwasher into each appropriate right side chassis hole (per Table 1). Each screw head & washer will be outside the box; screw shafts, inside box, should be mated to open ends of appropriate RF transformer card spacers. Referring to APT-2 Article Figures 6, 12, & 13 may help.

FIGURE 7 T2 [BALUN]

DIMENSIONS IN INCHES [BOARD SIZE 1.4" W X 1.9" H]



Core = Miller F-07-1 or Amidon FT-07-77

of trifilar windings \approx 25 to 35

#4 SOLDER LUG

SEE NOTES AFTER FIGURE 6 ABOUT MOUNTING CARD TO CHASSIS.

TABLE 1

Hole list for MMDX-2 (passive) phasing unit

(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 | J1 | Line 1 Wire In | -1.75 | 1.0 | 0.3125 |
| 2 | J2 | Earth GND In | -1.0 | 1.0 | 0.3125 |
| 3 | J3 | (Line2)ActiveLoop/TunerIn | 0.0 | 0.5 | 0.375 |
| 4 | G1 | GND screw, int.lug | 1.0 | 1.0 | 0.113 |
| 5 | J4 | Line 2 Wire In | 1.75 | 1.0 | 0.3125 |

TOP

| Hole | Comp. | Description | X(in.) | Y(in.) | DIA(in.) |
|------|-------|---------------------------|---------|--------|----------|
| 1 | C3 | NullVernier Cap., screw 1 | -3.766 | 4.5 | 0.113 |
| 2 | C3 | NullVernier Cap., shaft | -3.5 | 4.5 | 0.5 |
| 3 | C3 | NullVernier Cap., screw 2 | -3.234 | 4.5 | 0.113 |
| 4 | G2 | GND screw, int.lug | -3.0 | 5.5 | 0.113 |
| 5 | R1 | Line 1 Pot, shaft | -2.1875 | 5.0 | 0.3125 |
| 6 | R1 | Line 1 Pot, tab | -1.875 | 5.0 | 0.14 |
| 7 | S1 | Line 1 Freq. Range, shaft | -1.0 | 4.5 | 0.375 |
| 8 | S1 | Line 1 Freq. Range, tab | -0.5 | 4.5 | 0.14 |
| 9 | G3 | GND screw, int.lug | 0.0 | 4.5 | 0.113 |
| 10 | C1 | Line1TuneCapCard, screw 1 | 0.75 | 5.0 | 0.14 |
| 11 | C1 | Line1TuneCapCard, screw 2 | 0.75 | 4.0 | 0.14 |
| 12 | C1 | Line1TuneCapCard, shaft | 1.75 | 4.5 | 0.5 |
| 13 | C1 | Line1TuneCapCard, screw 3 | 2.75 | 5.0 | 0.14 |
| 14 | C1 | Line1TuneCapCard, screw 4 | 2.75 | 4.0 | 0.14 |
| 15 | G4 | GND screw, int.lug | 3.0 | 3.0 | 0.113 |
| 16 | R3 | NullVernier Pot, shaft | -3.75 | 2.5 | 0.3125 |
| 17 | R3 | NullVernier Pot, tab | -3.75 | 2.1875 | 0.14 |
| 18 | G5 | GND screw, int.lug | -2.625 | 3.0 | 0.113 |
| 19 | S4 | Line 2 InputSelect, shaft | -1.5625 | 3.0 | 0.375 |
| 20 | S4 | Line 2 InputSelect, tab | -1.25 | 3.0 | 0.14 |
| 21 | S5 | Null Mode Switch, shaft | 3.75 | 3.0 | 0.25 |
| 22 | S5 | Null Mode Switch, tab | 3.75 | 2.75 | 0.113 |
| 23 | G6 | GND screw, int.lug | -4.5 | 1.0 | 0.113 |
| 24 | S3 | Function Switch, tab | -4.0 | 1.0 | 0.14 |
| 25 | S3 | Function Switch, shaft | -3.5 | 1.0 | 0.375 |
| 26 | G7 | GND screw, int.lug | -2.75 | 0.5 | 0.113 |
| 27 | R2 | Line 2 Pot, shaft | -2.1875 | 1.0 | 0.3125 |
| 28 | R2 | Line 2 Pot, tab | -1.875 | 1.0 | 0.14 |
| 29 | S2 | Line 2 Freq. Range, shaft | -1.0 | 1.5 | 0.375 |
| 30 | S2 | Line 2 Freq. Range, tab | -0.5 | 1.5 | 0.14 |
| 31 | G8 | GND screw, int.lug | 0.0 | 1.5 | 0.113 |
| 32 | C2 | Line2TuneCapCard, screw 1 | 0.75 | 2.0 | 0.14 |
| 33 | C2 | Line2TuneCapCard, screw 2 | 0.75 | 1.0 | 0.14 |
| 34 | C2 | Line2TuneCapCard, shaft | 1.75 | 1.5 | 0.5 |
| 35 | C2 | Line2TuneCapCard, screw 3 | 2.75 | 2.0 | 0.14 |
| 36 | C2 | Line2TuneCapCard, screw 4 | 2.75 | 1.0 | 0.14 |

RIGHT SIDE

| Hole | Comp. | Description | X(in.) | Y(in.) | DIA(in.) |
|------|-------|--------------------------|--------|--------|----------|
| 1 | T2 | Balun Card, screw 2 | -2.25 | 0.5 | 0.113 |
| 2 | T2 | Balun Card, screw 4 | -2.25 | 2.0 | 0.113 |
| 3 | T2 | Balun Card, screw 1 | -1.25 | 0.5 | 0.113 |
| 4 | T2 | Balun Card, screw 3 | -1.25 | 2.0 | 0.113 |
| 5 | J6 | RF to car RX, screw 1 | -0.394 | 2.0 | 0.14 |
| 6 | J6 | RF to car RX, body | 0.0 | 2.0 | 0.5 |
| 7 | J6 | RF to car RX, screw 2 | 0.394 | 2.0 | 0.14 |
| 8 | G9 | GND screw, int.lug | 0.0 | 1.25 | 0.113 |
| 9 | J5 | RF Out (BNC) | 0.0 | 0.5 | 0.375 |
| 10 | T1 | Phase Rev. Card, screw 2 | 1.25 | 0.5 | 0.113 |
| 11 | T1 | Phase Rev. Card, screw 4 | 1.25 | 2.0 | 0.113 |
| 12 | T1 | Phase Rev. Card, screw 1 | 2.25 | 0.5 | 0.113 |
| 13 | T1 | Phase Rev. Card, screw 3 | 2.25 | 2.0 | 0.113 |

NOTES: C3=GC/Calctro A1-225. Box=Mouse # 537-TF-784 (LMB,10inX6inX3.5in)
 C1 & C2 are Mouse # 524-A1-227 or GC/Calctro A1-227 mounted
 on vectorboards to 'float' above chassis ground.

Part 2 - operating instructions will appear next week

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 2/21, 2/28, 3/6, 3/13 (Anniv. Issue), 3/20, 4/3

REPORTERS FOR THIS ISSUE:

- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
(BH-WA1) DX'ing at Ocean City State Park, Ocean Shores, WA
FRG-7, SM-1
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
(NH-WA1) DX'ing at Ocean City State Park, WA 98520
FRG-7, SM-1
- (JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
(JH-CA1) DX'ing at KYMS xmtr site, Santa Ana, CA
Kenwood R-1000, Radio West loop
- (EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233
IC-R70, Sanserino loop
- (DKK) Don Kaskey-465 Burnett St. #1-San Francisco, CA 94131
Hammarlund HQ-140X, SM-2
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
SP-600, 1500' E Beverage, 200' NE wire
- (SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, 3' wedge
- (PT) Pete Taylor-2614 Jackson St.-San Francisco, CA 94115
Radio Shack Patrolman SW-60
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2
- (PZ) Paul Zehr-P.O. Box 573-Ely, NV 89301
DX-160, 30' antenna, Palmars loop amp

OF SPECIAL INTEREST:

- 600 KOGO CA, San Diego has switched to all-news, ex-all talk. Carries selected NBC reports throughout the hour, but not the five minute top-of-the-hour nat'l feed (a la KFVB-980). KOGO is heavily advertising the new format (or should I say the "news" format?) on San Diego television. (SMM-CA)
- 700 KGRV OR, Winston per phone call on Tues. 1/24, they said "We'll be on the air in a week to 10 days at the very latest," but still not noted MM 1/30 SRS, just KFAM/WLW as normal. (RW)
- 930 KSWB OR, Seaside is now using post-sunset (PSSA) power of 250 watts. Pre-sunrise power of 500 watts has been changed to 250 watts also; too much trouble to have three power levels (250/500/1000 watts). (PM-OR)
- 940 CISL BC, Richmond they will be moving to 650 kHz "sometime around the end of summer" (1984). (RW-CA)
- 970 KYTE OR, Portland new format as of 2/1 at 0300 is Music of Your Life, ex-rr. (PM-OR)
- 1180 KWSO CA, Wasco (-Bakersfield?) Th 1/12 2300 noted stn giving "KWSO, Wasco-Bakersfield" IDs at the top of the hour. Note that "Bakersfield" probably isn't part of their true City of License. Stns can now add on extra cities due to new FCC rules & regulations. (SMM-CA)
- 1190 KNWZ CA, Anaheim all-nx format was scheduled to end Sa 1/14 0300 when KNWZ would begin simulcasting KEZY-FM 95.9, but simulcasting was noted already in progress at 0150. (SMM-CA)
- KEZY +2/1 1600 ex-KNWZ, back to old call, first noted today. Don't know if this was first day using "KEZY" call, though. Still simulcasting FM 95.9, ID by DJ "KEZY AM & FM, Anaheim," into rr mx. (JH-CA)
- + Is officially KEZY again, ex-KNWZ. End of rock song, then legal ID Th 2/2 1102 "It's 2 minutes after the hour of 8:00 at KEZY...AM and FM, Anaheim. Now here's what's happening in the world..." into nx. Per call to stn, KNWZ officially became KEZY again at midnight (i.e., 0300 ELT). Note that if you tried to log the KNWZ/KEZY call change during the past few weeks & hrd ID's throughout the hour as "KEZY AM & FM," you really didn't log the call change as the AM was really still officially KNWZ. (Legal ID's were "KEZY-FM, Anaheim; KNWZ, Anaheim.") If you hrd the station after 2/2 0300 ELT, you logged the call change. (SMM-CA)

- 1230 KDOV OR, Ashland 1/30 0300 poor in mess w/s/off u/KPRL/KPAK/KCBN. "K-Dove" ID. Freq. change, ex-1350. Per check of 1350 at SRS, nada u/KSRO! (RW-CA)
- 1330 KUPL OR, Portland 2/1 MYL at 0305, soon to change to C&W. Management claims, high ratings #7, but couldn't sell spots. Also KUPL-FM to C&W. That means KWJJ, KRDR, KUPL, KUIK, KVAN, KOHI, and KUPL-FM & KJIB-FM (in Metro Portland) C&W. (PM-OR)
- 1380 KOTE CA, Lancaster 1/31 1400/1500 1st time logged mid-day ground-wave, also 1st time hrd w/new calls, ex-KKZZ. Using the "Unforgettable" format. Many IDs "With Unforgettable Music, this is KOTE." Many local ads. Fair to poor, some KGER-1390 slop. (JH-CA)
- 1520 KYXI OR, Oregon City to change to MOR about 2/20/84, from all nx. Claims no money in all nx in Portland, but will still run nx (some). (PM-OR)
- 1560 KLLV CO, Hesperus phone isn't ringing & no one answering anymore. AT&T is answering w/ment. of "fail-safe technicians working on the line," so something is stirring there! (RW-CA)
- *****
- 540 KNMX NM, Las Vegas 1/28 1918 s/off 2 min. later. Clear w/no static & no KNAK. IDs in SS & EE. (PZ-NV)
- KNAK UT, Delta 1/26 1908 fair w/moderate fading. (PZ-NV)
- 550 KAFY CA, Bakersfield atop 1/30 0435 w/KSFO-560 off. Noted PSA, then C&W mx o/KOY et al. (DKK-CA)
- ?KARI? WA, Blaine 1/30 0710 w/Wash. wx, weak o/C&W outlet. (PT-CA)
- 560 KPQ WA, Wenatchee fair ID thru KSFO OC, 1/30 0715. KSFO was on RS at 0735 tune-in. (PT-CA)
- 580 CKXR BC, Salmon Arm 1/29 1010 fair to good o/mess on car rx (Sanyo), coming back from Longview, WA, hrd from 20 mi. east of Astoria, to Astoria. IDs, mx, spots. (PM-OR)
- 590 KID ID, Idaho Falls 2/5 2000 a shocker w/nice singing ID after a Herb Alpert instrumental, then into CBS nx. Fairly good mixing w/KUGN which simulcast the CBS nx but had different ads for PST vs. MST time zones. No sign of KHQ, which usually dominates in the KUGN null. New & much wanted. (BH&NH-WA1)
- 610 KVNU UT, Logan 1/27 2331 ads & classical mx. Fair, fading, o/KPRC. (PZ-NV)
- 650 KYAK AK, Anchorage good ID 0718 1/30, then clanked into oblivion by KFI-640. (PT-CA)
- 670 *KBOI* ID, Boise 1/30 0242 noted w/OC. (RW-CA)
- 700 KPAM UT, N. Salt Lake City 1/28 1517 fair w/IDs and ads, classical mx. (PZ-NV)
- 710 KMPC CA, Los Angeles 1/28 1850 w/ads & classical-type mx. Faded several minutes later. (PZ-NV)
- 780 *KROW* NV, Reno 1/25 0425 noted w/OC. (RW-CA)
- 790 KGHL MT, Billings 1/30 0145 loud w/mx and 90 deg. off KABC. (PT-CA)
- 810 KAFE NM, Santa Fe Mon 1/2 1830-1915 called stn per 810 unID (see unID's section), & though DJ was unable to confirm that my midday unID was KAFE, he was extremely excited to hear that he gets into L.A. at sunset! So I told him that when the stn faded in at SS, I'd tape him so he could hear how he sounds; hence this logging...In w/very good signal. Used "Super Country," "Cafe," and "8-10 Country--KAFE" slogans. Had "Airborne Traffic Watch" & promos for ski rpt. CBS News Roundup 1900-1915. Local nx at 1915. Disappeared at 1915:30 when power was cut for PSSA power. (SMM-CA)
- 830 KABN AK, Long Island-Big Lake 1/12 1014 good w/bluegrass-folk mx, ment. of Big Lake Schools, TC. (EH-WA)
- 850 KGOE CA, Thousand Oaks Mon 1/2 1705 hrd w/Larry King at 2:05 in the afternoon. What an ungodly hour to carry this show, hi! (SMM-CA)
- KOA CO, Denver 1/26 1926 talk on the Golden Nuggets EKB team. (PZ-NV)
- 860 CEKF2 SK, Saskatoon 1/25 2258:50 CBC theme, "Ici Radio Canada," then local ID in FF CBC show consisting of flute mx & definite "CEKF, la voix Francais de..." and back to CBC show. Poor w/CFPR nulled. (BH&NH-WA)
- 880 KRVN NE, Lexington 1/26 1928 sports. Moderate fading. (PZ-NV)
- 890 WLS IL, Chicago 1/27 0020 w/rock mx. However, did hear SS in background. (PZ-NV)

940 KDEO HI, Waipahu 2/6 0414 fair sig, deep fades, KFRE off, CJIB weak to nil. C&W mx, promos for some of its syndicated shows. Much better at 0500 legal ID, back to C&W. Slogans include "K-Dee-Oh, Country Radio, A-M 94." Not hrd since KFRE went NSP; last logged as KAHU. (BH&NH-WA1)

960 KDOT UT, Provo 1/28 1518 weak w/ads & mx from series "The Rockford Files." Moderate static. (PZ-NV)

970 KVIM CA, Coachella 1/29 1634 1st time logged during mid-day ground wave. Fair, some KFVB-980 sloop. ID in SS, ad ment. Indio and Palm Springs. (JH-CA)

KVWM AZ, Show Low 1/31 1935 fair w/IDs as "KVWM, Show Low." Moderate fading. (PZ-NV)

1000 KNUU NV, Paradise 1/31 1945 nx & mx. Fair. (PZ-NV)

WCFL IL, Chicago fair o/u KTOK w/Larry King Show at 0510, after Mutual nx & ID on hour. KOMO was off MM (1/23), Tu (1/24) and Thurs. morn (1/26). WCFL hrd all 3 mornings, Tues. was best. (PM-OR)

(KOMO) WA, Seattle 1/24 0422 noted totally off on rare weekday SP. (RW-CA)

1010 KCHJ CA, Delano 1/27 1944 w/"For Sale" items (second hand). Are they still 5kw/1kw? (PZ-NV)

1020 KBCQ NM, Roswell 1/27 1940 w/mx, IDs. (PZ-NV)

1040 WHO IA, Des Moines 1/27 0000 moderate static. W/talk. Fading, sloop from KTW0-1030. Do they have a SP? (PZ-NV)

1080 KVNI ID, Coeur d'Alene 2/5 2004 call letters ment. into local nx story. Quite good w/KWJJ nulled. New--one of my most-wanted. (NH-WA1)

KWJJ OR, Portland 1/27 1927 fair w/IDs, moderate fading. (PZ-NV)

1090 KKBB CO, Aurora 1/27 1923 fair w/mx, ex-KLDR. (PZ-NV)

1100 (KFAX) CA, San Francisco 1/31 0537 totally off. (JH-CA)

WWWE OH, Cleveland 1/31 0537 poor to fair w/KRLA-1110 sloop & XEPRS-1090 sloop. Pop mx, DIS "3-W-E." DJ ment. Cleveland. (JH-CA)

1110 KHAC AZ, Window Rock 1/26 1935 w/relig. and s/off. Are they still 10kw? First one this year. (PZ-NV)

KHEI HI, Kihai 2/6 1100 ending instrumental mx, legal ID by OM who then read the "6:00 News Report. Poor, barely made out ID but obviously Hawaii because of time check, loop bearing, band cx, & daylight in all other directions. KPIP nulled, no sign of KBND. New. (BH&NH-WA1)

1140 KMJJ NV, North Las Vegas Wed 1/11 2205 happened to hear the DJ say that he was Bobby Ocean. I remember listening to Bobby Ocean back in the 60's & 70's on 93 KHJ! (SMM-CA)

1150 KBAI CA, Morro Bay 1/27 oldies into 0259 s/off; nulled and in the clear. (PT-CA)

KSPL WA, Seattle 1/26 popped up w/nice ID at 0242 in KPRZ null. Vocal EZL type mx followed...soon lost in mush. (DKK-CA)

+1/30 0215 ID thru the mush. (PT-CA)

1170 KLOK CA, San Jose 1/26 1951 fair w/mx & DJ's name Boom Boom ?? (PZ-NV)

1190 KEX OR, Portland 1/27 0200 fair w/ads, ABC nx. (PZ-NV)

1210 KGYN OK, Guymon 1/26 2006 w/ads & mx. (PZ-NV)

+Creaming all the new clear-busters 2/1 at 2331 w/regional nx. (DKK-CA)

KASY WA, Auburn Per verie, day power is 2500w, 1kw nights, non-directional. They are now 24 hours. (RW-CA)

+1/29 0630 I was hoping their 24 hour sked announced earlier in the week would actually start Mon nite/Tues. morning PLT. Got up at 0330 PLT for last shot at KGYN; all KASY. (PT-CA)

+Noted 1/30 all night, must be NSP now. Female annrc. o/WCAU. ID 0412. (DKK-CA)

+1/30 0400 seems to be AN now, wx by female DJ, pop mx. Fair, w/KEZY-1190 sloop. Also, per verie from GM, they're 2500w days, 1000w nights, both non-directional. Waiting for their new 10kw xmtr for day use. (JH-CA)

1230 CKQR BC, Castlegar 1/29 0631 fair o/KWYZ w/rock songs, "Q-R" sports. (EH-WA)

1240 KPRB OR, Redmond 1/24 0823 fair w/ads, ID w/ment. of FM. (EH-WA)

1250 KNCO CA, Grass Valley finally hrd this one 2/1 w/BKB game between Grass Valley & Auburn 2315-0000. Way u/KTMS/KWSU w/major KOIT-1260 lop. (DKK-CA)

KIKC ME, Forsyth 1/24 0819 briefly w/wx, ads mentioning Forsyth. (EH-WA)

1250 CKOM SK, Saskatoon 1/24 0812 xlnt in KKFX null w/sports, wx, rr mx. (EH-WA)

1280 KDYL UT, Salt Lake City 1/27 0439 u/mess w/mx & IDs. (PZ-NV)

1300 KMPS WA, Seattle 1/30 atop 0300-0400 w/C&W mx, many IDs w/minor KWKW QRM. KYNO off, altho using OC. KDIA-1310 off so no slop. (DKK-CA)

1310 KIOT CA, Barstow 1/29 1605 noted w/program called "Soundtrack of the Sixties." Fair. (JH-CA)

(KDIA) CA, Oakland 1/30 0300-0845+ totally off this period. (RW-CA)

KEIN MT, Great Falls 1/30 atop 0330-0400 w/KDIA off. C&W mx. (DKK-CA)

1320 KEZL CA, Oceanside 1/29 1620 noted w/new format, no longer oldies, switched to "Unforgettable," ID "Music for your mood that's unforgettable, this is AM 13-20." Then, at 1659 "The hits of the right... from unforgettable, K-E-Z-L, Oceanside." Similar to MYL. Two other stns around here also using this. Some slop from KFAC-1330. (JH-CA)

+ Has changed formats to "Unforgettable Music" (similar to MYL); ex-oldies. Hrd Tu 1/31 0040; "AM 1320, with Unforgettable music to remember us by." Legal ID (slightly late) was at 0109, "There's only one, Unforgettable, KEZL, Oceanside." KEZL-FM 102.1 is also Unforgettable Music now, though the AM & FM aren't //. Thanks to Jim Hilliker for this tip. (SMM)

KBUG UT, Salt Lake City ID as the "new Bug," 0730 1/30; KDIA off at the time. (PT-CA)

KXRO WA, Aberdeen 1/30 0432 fair in KBUG null w/ID "KXRO, conducting transmitter testing," then rr mx. (RW-CA)

1340 KATA CA, Arcata 1/29 0400 DX'ing at KYMS xmtr building in Santa Ana, 10 miles from home. End of oldies song, DJ "...the best music, why we're K-A-T-A, Arcata," into song "One of These Nights." Briefly on top of mess, then gone. New. This still counts, doesn't it Nancy? (JH-CA) (Sure. I go w/the 25-mile-from-home theory. Anything you hear within 25 miles of your "DX Base" counts.--NH)

1360 KPQP CA, San Diego 1/30 another call change I've been frantically chasing up w/"K-Pop" ID 0330 thru KFIV & heavy KEEN-1370 slop. (DKK-CA)

KAMT WA, Tacoma s/off w/full details 1/30 at 0300 to return at 0745. (DKK-CA)

1370 KFRO TX, Longview 1/28 0211 fair w/IDs. Clear "KFRO" two times, then faded in mess. No KXLF. New, #4 for '84! (PZ-NV)

1380 KGMS CA, Sacramento 1/27 0327 fair w/talk. QRM from TTer. (PZ-NV)

1390 CKKC BC, Nelson 1/13 0700 good w/"K-C Radio" slogans into rr mx. (EH-WA)

1400 KAAP CA, Santa Paula 1/31 1403 first time logged w/new calls, ex-KKBZ. Also, uses "Unforgettable" format. Long promo w/names of singers, "Unforgettable 1400, K-A-A-P, Santa Paula." Noisy w/KGER-1390 slop. (JH-CA)

1420 KSTN CA, Stockton 1/31 0515 fairly loud, but much KALI-1430 slop. "Much more music on KSTN." Seemed to be C&W. (JH-CA)

KITI WA, Centralia-Chehalis 1/29 0315 nulling both XEXX & KSTN, first noted w/"more music" slogan and "Kit..." something (Kits? Kiti?). Clear pre-news ID 1/30 0200. (PT-CA)

+ 2/4 0330-0500 noted w/several others in/out w/KSTN. Pop/rock mx w/female anncr. Finally got good clear "KITI Centralia" ID at 0500, then into Ai nx til 0505. (DKK-CA)

1440 ?KPRO? CA, Riverside assumed to be the one 2/1 carrying Lakers-Denver BKB u/KVON 2235-2255+. Believe KSMA-1240 carries Lakers, so doubt if this was KULL. Didn't get ID. (DKK-CA)

KMED OR, Medford 2/1 w/ads & ID 2321 way u/KVON. KMED had pop mx. (DKK-CA)

1450 KEYY UT, Provo-Orem 2/6 0315 in w/nice ID and Elton John "Your Song" while looking for KTXK f/c (not hrd). Rare. (BH-WA1)

1460 KENO NV, Las Vegas 2/1 w/pop/C&W mx 1920-1935. Mx interspersed w/2 minute segments of advertising. Minor KEST-1450 slop. (DKK-CA)

CJMH AB, Medicine Hat 1/24 0758 fair o/u KMWX w/MOR-EZL mx, CEC nx. (EH-WA)

1470 KUTY CA, Palmdale 1/29 fair w/C&W mx, o/u presumed KXOA (MYL) at 0455, ID at 0500. (PM-OR)

CJVB BC, Vancouver barging atop 1/31 w/ads, stn promos & CJVB ID at 0930. Nx then to 0935 ending w/wx. This followed by a polka but later into more or less pop mx. Sports at 0944. New here. (DKK-CA)

- 1480 ?KPHX? AZ, Phoenix 2/6 0329-0331 fairly good, ads in SS, promo mentioned "radio en Español de Arizona" & "en Phoenix." Ranchera mx. No sign of KWUN. (BH-WA1)
- KRED CA, Eureka 1/31 0330 w/KWIZ off, o/KYOS w/C&W, female DJ ment. s/off, I believe at lam? Fair to poor. (JH-CA)
- KWIZ CA, Santa Ana 1/31 0300 after much joking from DJ about having to go off the air for a few hours, "We now leave the air with, oh, no, 'God Bless America.'" Into song by Kate Smith, ID by CE Joe Talbot "KWIZ, Santa Ana." Carrier off. Back on by 0600. Should be at new 5kw nite power by time this is printed. Asst. CE says it'll be 5kw day & nite, same pattern. Will cover from Malibu to Riverside. (JH-CA)
- KAAR WA, Vancouver-Portland 1/31 0400 on top briefly w/this legal ID "1480, KAAR, Vancouver-Portland" SID "The All-American." Into AEC nx. Good. (JH-CA)
- 1490 KSYC CA, Yreka 1/27 2038 fair w/blip ID, C&W mx. (EH-WA)
- 1510 KKNW WA, Mountlake Terrace 2/6 1123-1129 fair-poor w/nonstop rock mx, no QRM. Dipped w/KGA's nx 1130-1134, then atop 1135 w/DJ definitely saying "15-10, KKNW" & into rock. New, much wanted, logged as KURE once in June 1974 on SRS before KGA s/on. Never logged as KAAR. (BH&NH-WA1)
- 1540 KASA AZ, Phoenix 2/5 1930-1935 fair thru KZLA w/KJZZ nulled. Gospel-C&W mx, promo 1934 for weekday relig. feature ment. KASA twice. Also think there was a "1540 KASA" mention at 1930. New. (BH&NH-WA1)
- 1550 KKHI CA, San Francisco 1/30 0308 noted on a little past normal s/off w/end of classical mx marathon/telethon. (RW-CA)
- 1590 KLIV CA, San Jose 1/30 0320 briefly on top of KBBQ & mixing w/same. ID, MYL. Fair. (JH-CA)
- (KLIV)+1/27 0420-0505 totally off on 1st SP since they changed formats, KBBQ completely blanketing freq., no sign whatsoever of KJET (need call change) they must be extremely directional! (RW-CA)
- 1600 KBBX UT, Centerville 1/31 atop ending relig. program 0914. ID 0915 & into another relig. program. Also caught tail end of s/off same day at peculiar time of 1955 (25 min. after S.L.C. s/off time). (DKK-CA)

Feb. f/c heard:

1st MM: 0300-0315 KQIK-1230 OR (BH&NH-WA1)

ID'ing an unID:

1360 WMOB AL, Mobile reported in 12/31/83 WDXR (see also 1/21/84 WDXR) is confirmed by ex-IRCan Steve Francis of Alcoa, TN who saw my report in NRC's DXN. Steve checked the 1983 Mobile phone book, and WIXO-1360 (now WMOB) is located at 328 S. Sage Ave., the address we hrd clearly in the WMOB ad. Listed as 500w PSRA till 0745 in Dec. although I can't rule out them being on 5kw by accident. In any case, Alabama #2 and a sensational catch! (BH&NH-WA1)

Another ID'ing an unID:

Per my tent. KTUC-1400 logging w/NEC Talknet a few bulletins back, KQMS & KTUC listed carrying Talknet in Almanac, sent letter to KQMS. They said they do still carry Talknet, but not on MM's, since they're off the air 0300-0800 MM's. So no way it was KQMS I had, had to be KTUC. (RW-CA)

UNIDS:

- 710 1/30 stn here w/NEC nx on the hour in jumble at 0500. The only NEC stn I can find is WGBS-Miami. Is there anything else on 710--NEC? KIRO & KMPC off. Ideas? (PM-OR)
- 780 Tucson, AZ? 1/28 1904 w/nx, many ments of "here in Tucson." Moderate fading. (PZ-NV)
- 810 Mon 1/2 1715 was doing a midday bandscan & stopped when I hrd C&W on 810! Song ended & I'm 90% sure I hrd male DJ say "K-A-F-E," & then into an Elvis Presley song. (This was 2 hours before SS at KAFE,) Called stn, but DJ said he hadn't played any Presley songs. Yet I'm positive I hrd C&W. Maybe KWSR (though never hrd here), or maybe it was a Presley remake. Perhaps even KGO. In any case, I probably wouldn't count it as midday reception anyway, as KAFE was probably just beginning to generate its skywave signal. An hour later, KAFE was bombing in w/a very loud, strong signal (see column above). (SMM-CA)
- 1130 1/26 1940 SS w/mx. Moderate fading, then lost. (PZ-NV)

- 1340 MM 1/2 0500 someone went into NEC nx. Almanac shows only KDEN-
CO and KWKC-Abilene, TX (though VJ & NRC show KWKC as Ac; not NEC).
Could KRAM be NBC now? KIST & KDOL off. (SMM-CA)
- 1340 MM 1/2 0510 w/"Charlie Daniels band live at Gilley's Nightclub."
Sounded syndicated. KRAM? KIST & KDOL off. (SMM-CA)
- 1340 MM 1/2 0500-0535+ continuous TT's. Very poor; barely perceptible.
Probably 1kw, very distant. Anyone hear someone testing at this
time? (SMM-CA)
- 1380 1/27 0320 someone here TT'ing w/steady tone. Fair w/KGMS QRM. Any
ideas? (PZ-NV)
- 1490 1/31 0306 slowly on top of mess w/end of s/off w/a male chorus
singing the SSB. Then off. Any help, folks? (JH-CA)

A good turnout this week! Everyone in WDXR-land is invited to
send a report for the Anniversary Issue. The deadline here will be
Tuesday March 13. If possible, I would appreciate it if reports could
be received the previous Saturday. It would give me more time to edit
reports. Everything that arrives through Tuesday the 13th will be used.
My goal this year will be to have at least one report from each state &
province in WDXR-land. There are no members in Utah, so I'll let that
state off the hook. BUT--from looking at the member distribution map
in the 12/24/83 issue we have a member in NM, one in Wyoming, 3 in
Idaho, and FIVE in Montana! So, please report to the Anniversary
Issue!!!

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UNIDED, SPECIAL, CHANGES, et. al.

- 1580 WZKY NC ALBERMARLE, 1/30 0138 fair u/CBJ & WLLM ETs on DX Test, only 1 ID hrd. RK
- 515 "PKV" TX PORT LAVACA, 1/29 0253 fair during brief "YWA" fade w/CW IDs, aerobeacon//
1060 WMCL IL MCLEANSBORO, 1740 fair 1/17 w/4 ads & ID. DRW-IL
WEMB MI WEST BRANCH, 1712 1/17 poor w/ID & ad. DRW-IL
- 1150 KASM MN ALBANY, 1/19 0737 w/ID "KASM Your Farm Info. Stn". DRW-IL
- 1160 WJJD IL CHICAGO, 1/13 noted off, listened to KSL till 0112 when woman ancr came on
, told they were off air due to xmtr trouble. DRW-IL
- 1300 KBBJ OK TULSA, 1/15 2345 poor ID & ad. DRW-IL
- 1320 WFHR WI WISCONSIN RAPIDS, 1/16 1810 poor, ment. Wood County during nx, ID. DRW-IL
- 1350 WCMP MN PINE CITY, 1/20 0700 w/s/on, temp. DRW-IL
- 1360 KBKB IA FT. MADISON, 0702 w/nx, ID, ad, fair. DRW-IL(Date ? ed.)
- 1410 WMML AL MOBILE, 1/7 1802 good, "Your Kind of Country WMML Mobile". DRW-IL (Don,
note the correct calls, ed.)
- WHLN KY HARIAN, 1/17 1845 fair, wx cancellations, KY basketball & ad. DRW-IL
- 1580 WQDN IL DUQUOIN, 12/30 fair 1903 basketball game, ad & s/off. DRW-IL
- 1600 KXVI TX MCKINNEY, 1844 fair "The 24 Hour Gospel Alternative KXVI", rel mx & pwr
cut 1/17. DRW-IL

Dat's It

RK... The All American Boy
(R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop)
DRW... Don Weinzierl 6100 W. 97th St. Oak Lawn, IL 60653
(hallicrafter's SX-42, SM-1)

Mon., Jan. 30, 1984 St. Louis Globe-Democrat 11A
via Rob Gerardi

Anti-Cuban broadcast heard in Havana

HAVANA (Reuter) — A special broadcast of the Voice of America directed to the Cuban people and attacking Cuba as a "closed society" was heard clearly in Havana on the medium-wave, regular broadcast channel last night despite what seemed to be slight jamming by Cuban transmitters.

The one-hour broadcast, in commemoration of the birth of Cuba's independence hero of the past century, Jose Marti, was announced as the forerunner of regularly scheduled broadcasts by Radio Marti, a Radio Free Europe-type station. Radio Marti is expected to go into operation shortly under the general control of the Voice of America.

Cuba has strenuously objected to the proposed medium-wave transmission of Radio Marti, which it says will be a violation of international law. There was no official Cuban comment on Saturday's broadcast.

The broadcast said that Radio Marti will strive to tell the Cuban people about what is really happening inside Cuba.



79AM The News Authority.

EASTERN DX ROUNDUP

Bob Lazar

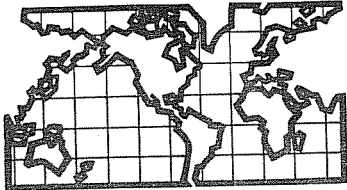
11011 Becontree Lake Drive, #410
Reston VA 22090

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

- 530\$TIS \$MD Rockville, 1/20 poor-fair all day mixing w/ National Airport TIS. Received prepared card from Md. State Hwy. Administration in Baltimore. Location is at Shady Grove Rd. interchange on I-270, 20' antenna height, power is 20 watts. Call letters are KCB638 or something similar. Info hrd on air was about a public meeting on highway changes so perhaps this may not be on the air much longer. (BH-MD)
- 590 WVLC KY Lexington, 1/15 0730 good w/ bible school, ID, f DJ. (RSR-ON)
- 600 WICC CT Bridgeport, 1/10 0058 fair w/ f w/ nx, wx, ID. (RSR-ON)
- 630 WKEX GA Savannah, 1/29 2332 good w/ C&W mx, ID as KB-63, local ads, wx. In CPFO null. (RSR-ON)
- 790 WNWS FL South Miami, 1/3 2304 good w/ talk show, talk about Orange Bowl & Miami, IDs. (RSR-ON)
- 850 CKVL PQ Verdun, 1/14 0655 good w/ m talking in FF behind WJW. (RSR-ON)
- 920 CFLS PQ Levis, 1/6 0240 very good w/ rock mx, m talking in FF, IDs. (RSR)
- 990 WNOX TN Knoxville, 1/27 0641 "AM 99, WNOX", C&W. Fair. (JBH-FL)
- 1080 KRLL TX Dallas, 1/20 0247 good w/ ID by f, talk by m DJ, ads. (RSR-ON)
- 1120\$WYNO\$OH Nelsonville, 1/26 1715 ID & wx for central (?) Ohio during C&W format. (CMS-ON)
- 1200 unid ?? w/ EE lang rlg pgm at 1725 1/26. Though very early, I suspect KFNW as NW cx for upper latitude domestics were xint - eg. WWV was already in w/ clear sigs on 2500 kHz at 1700. (CMS)
- WOAI TX San Antonio, 1/30 0044 rlg pgm. Fair. (WPT-DC)
- 1210 WVAI OH Dayton, 1/11 0719 fair w/ ID, wx, talk by m. (RSR-ON)
- *WCAU*PA*Philadelphia, 1/30 0042 noted Eting. (WPT-DC)
- 1350 WSMB LA New Orleans, 1/22 0544 "Tiger Radio New Orleans." T40 oldie into talk show. Fair w/ fading, ABC nx at 0600. (JBH-FL)
- WCAI FL Ft. Myers, 1/22 1730 ID w/ ad for Paul Harvey, continuous CNN nx. Poor-fair. (JBH-FL)
- \$WGIA\$GA Blackshear, 1/23 0606 ID w/ "currently in Blackshear." New. Poor-nil. (JBH-FL) (These are new calls.--ed)
- 1360 WYXY FL Cypress Gardens, 1/20 1553 "This is 13-60 WYXY" ID into soft pop mx. Fair. (JBH-FL)
- 1370 WCOA FL Pensacola, 1/21 1817 ID w/ anmt for upcoming game, Joe Berry w/ wx. Fair. (JBH-FL)
- 1410\$WMMML\$AL Mobile, 1/21 1841 new ID noted w/ C&W, "14-MML", Mutual nx. (JBH-FL)
- WING OH Dayton, 1/4 0130 fair w/ m w/ ID u/ KQV. CKSL off. (RSR-ON)
- KQV PA Pittsburgh, 1/4 0129 fair w/ Larry King, break for local nx, ID. CKSL off. (RSR-ON)
- (CKSL)ON London, 1/4 0110 off the air. This is rare. (RSR-ON)
- 1430 CJCL ON Toronto, 1/15 0722 good w/ wx, m talking, ID, MoR/big band mx. Last logged as CKFH. (RSR-ON)
- 1440 WOJF FL Lehigh Acres, 1/20 1501 ID after Pink Floyd mx. Poor-nil. (JBH)
- 1480 CKAN ON Newmarket, 1/13 1758 fair w/ mx, ID, into wx on hour, ads. Mixing w/ WHBC. (RSR-ON)
- 1490 WOFN FL Bradenton, 1/22 1630 Mutual nx, pop mx. (JBH-FL)
- WJMO OH Cleveland Heights, 1/8 1427 good w/ talk show, ID. (RSR-ON)
- WVGB SC Beaufort, 1/30 0027 ID by f, fair. (WPT-DC)
- 1540 WABQ OH Cleveland, 1/8 1405 good w/ rlg pgm, mixing w/ CHIN. (RSR-ON)
- 1550 WMOO AL Mobile, 1/28 1810 ID w/ rlg mx, full ID w/ sloff at 1815. Good but fading. New, but was trying for WBSC. (JBH-FL)
- 1560 WBKC OH Chardon, 1/8 C&W mx, ID's, talk by m DJ. (RSR-ON)
- 1590 WRXB FL St. Petersburg Beach, 1/22 1503 NBN nx, R&B mx. (JBH-FL)

Eastern DXers

- BH - Bill Harms, Laurel, MD
- JBH - Jody Hughes, 13720 Gulf Blvd., Apt. 401, Madeira Beach, FL 33708
(DX-160, DA-5)
- RSR - Robert S. Ross, Box 4373, Stn. C, London, ON N5W 5J2
(Panasonic RF1115, TRF, Marantz 2226, RCA AR77, 100' LW)
- CMS - C.M. Stanbury II, RR #1, Ridgeway, ON LOS 1N0 (Collins 514J, 90' LW)
- WPT - Bill Townshend, Washington, DC (Realistic TRF, Sony ICF-S5W)



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline Tuesday

DX this week is sure improving. Monday Morning 2/6, DU's once again were all over the dial. The best I have heard them for at least 6 months. I pulled in a new one 2YP-New Plymouth, New Zealand-1530 KHZ, with 1 KW. KFBK was off, leaving only 2VM-Moree, N.S.W. (heard and QSL'd before), and 2YP, with the National Program. Many others heard too, but that was the only new one here. Also there is a report from Nick Hall-Patch, on with reports:

PAN-AMERICAN DX ROUNDUP

730 CUBA, Holguin, CMKC at 1100 1/16, YL w/Liberacion mention, then chimes and two short and one long and higher pitched pip on hour. CKLG off and this nil to fair o/u suspected CKAC (NHP-BC)

TRANS-ATLANTIC DX ROUNDUP

1566 UNID, brief carrier here and possibly 1521 and 1593 at 0450 1/11, vy weak and quickly disappeared. (NHP-BC)

TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, Kempsey-2MC, vy good with Pop mx, o/u 4XA, at 1021 on 2/6, best hrd in quite sometime. (PM-Or)
NEW ZEALAND, Alexandra-4XA, fair, mixing w/2MC w/Radio Otago IDs and Pop mx, wxcast, at 1029 on 2/6 (PM-Or)
- 540 t WESTERN SAMOA, 2AP relay pass the one here w/Drum mx, weakly w/LPRT QRH at 0831 on 2/6, tried for copy, but too much KMVI splash (800B+ on 550 KHZ) (PM-Or)
- 549 AUSTRALIA, Orange-2CR, vy good w/ABC nx at 0900, but after KHVI news at 0905, lost to slop, on 2/6. (PM-Or)
- 558 FIJI, Suva-Radio Fiji 1 here with YL ancr in EE and C&W mx, some pops, w/British accent, vy good, better than 891, at 0930-2/6. (PM-Or)
- 567 AUSTRALIA, Julia Creek-4JK, good w/Jazz o/u 2YA at 1021 on 2/6. (PM-Or)
- 576 AUSTRALIA, Sydney-2FC presumed the one w/Class. mx in passing, at 0945 on 2/6 (PM-Or)
- 594 AUSTRALIA, Horsham-3WV, vy good w/Jazz //ABC at 0945 on 2/6 (PM-Or)
- 603 AUSTRALIA, Hobart, weak clas. mx // 576 at 0947 on 2/6, presumed 7ZL, First time hrd in a while. (PM-Or)
- 612 AUSTRALIA, Brisbane-4QR, vy good w/ABC nx at 0901 on 2/6, slight 610 slop. (PM-Or)
- 621 AUSTRALIA, Melbourne-3AR, presumed the source of Clas. mx in pass, terrible het on 620 KIPA/KGW at 0950 on 2/6 (PM-Or)
- 630 t AUSTRALIA, Townsville-4QN, prob. the one w/Jazz o/u KIDO and others, lost to other stations after a while at 0955 on 2/6 (PM-Or)
- 639 t AUSTRALIA, Hossman-4MS, poss. the one w/Jazz at 0835 on 2/6, a little early for 5CK, some other mx mixing, poss. NZ in there, also (PM-Or)
- 648 AMERICAN SAMOA, Pago Pago-WVUV, vy good w/US RR mx and ancr in EE, PSAs, wxcast, at 0730 on 2/6. (PM-Or)
- AUSTRALIA, Tamworth-2HU, fair o/u WVUV w/Jazz at 1035 on 2/6. (PM-Or)
- 657 AUSTRALIA, Byrock, 2BY fair o/u 2YC at 1110 on 2/6, // 648. (PM-Or)
- 666 NEW CALEDONIA, Noumea, FR3 quite good w/OM in FF Jazz mx, but mostly talk in FF, no splash, as CFFR vy weak or off, not hrd on 660, at 0820 on 2/6. (PM-Or)
- 675 NEW ZEALAND, Christchurch-3YA-vy good w/National pgm, and MOR mx at 1015 on 2/6, some KHBR slop. (PM-Or)
- 684 AUSTRALIA, Kempsey-2KP, w/ABC nx at 0903 on 2/6, in passing (PM-Or)
- 702 AUSTRALIA, Sydney-2BL, w/ABC nx //684 at 0904 in passing. (PM-Or)
- 711 AUSTRALIA, Launceston or/and St. George, hrd weakly in passing w/ABC nx at 0904.30 on 2/6 (PM-Or)
- 720 NEW ZEALAND, Invercargill-4YZ-fair u/o KUA I and others at 0901 on 2/6, some SS QRH w/OM in nx, some other accented DJ, Aussie?, 4YZ running' nx on National pgm. (PM-Or)
- 729 AUSTRALIA, Adelaide-5CL, presumed the source of Clas. mx in passing at 1018 on 2/6. (PM-Or)
- 738 AUSTRALIA, Grafton-2NR, hrd w/Concert mx at 1019 on 2/6, low keyed Aussie ancr (PM-Or)
- 747 AUSTRALIA, Toowoomba-4QS, good w/talks at 0957, into nx at 1000, // to 612 and 855 KHZ, 2/6. (PM-Or)

756 NEW ZEALAND, Auckland-1YA, good w/Mor mx at 0715 on 2/6, earliest
hrd in quite a while. (PM-Or)

765 NEW ZEALAND, Hastings, 2ZK, presumed the source of rr mx in passing,
at 0810 on 2/6. (PM-Or)

774 FIJI, Suva-Radio Fiji 2, w/Hindi prg after 0800, before 0800, was
in EE at usual w/mx and wxcast, etc., on 2/6. (PM-Or)

783 t AUSTRALIA or NEW ZEALAND, prob. 2KA, but unid DU w/RR mx at 1022 on
2/6. Both unneeded, but nice to hear. (PM-Or)

792 AUSTRALIA, Brisbane-4QG, at 0840 w/Clas. mx in passing 2/6. (PM-Or)

801 t NEW ZEALAND, Nelson-2XL? poss. the one w/vy weak hymns in KGO slop,
soon lost to noise and slop at 1017 on 2/6. (PM-Or)

819 AUSTRALIA, Glen Innes-2GL, vy good w/ABC nx at 1101 in passing, o
unid station presumed NZ on 2/6 (PM-Or)

820 ALASKA, Fairbanks-KCBF, at 1522 1/10, good w/C&W mx, ID ads and CBS
nx, Suspected KABN-830, KRSA-580, and def. KYAK-650 also in at same
time, but no sign of KFAR-660. (NHP-BC) (Nick: KFAR has made very
few appearances this season, here. PH)

828 NEW ZEALAND, Palmerston North-2XS, fair w/rr mx o/u 3GI at 1040 on
2/6, TC and more rr mx. (PM-Or)

837 AUSTRALIA, Rockhampton-4RR, good w/ABC nx at 1200 on 2/6. (PM-Or)

NEW ZEALAND, Whangarei/Kaitaia-1YX/1YK, making an early appearance
at 0630 w/EZL mx, all alone on 2/6. (PM-Or)

846 AUSTRALIA, Canberra-2CY-fair w/Clas. at at 0945 on 2/6, o/u Kiribati
all alone after 1002 Kiribati s/off. (PM-Or)

855 AUSTRALIA, Maryborough/Eidsvoid-4QS/4QO, good w/ Jazz at 1020 on 2/6,
77 to ABC net (PM-Or)

864 NEW ZEALAND, Invercargill-4ZA, good w/Tonight Show Pop mx pgm, //
1008, 1035, etc., o/suspected 7HO on 1050 on 2/6. (PM-Or)

873 AUSTRALIA, Sydney-2GB-fair w/ Talkback pgm at 1035 on 2/6, in passing,
some ORM under, maybe NZ. (PM-Or)

882 AUSTRALIA/ NEW ZEALAND, both mixing here in passing at 1055-2/6. (PM-Or)

891 FIJI/NEW ZEALAND, Radio Fiji 2 on top on 2XW (Pop mx) at 0909 on
2/6, in passing. (PM-Or)

927 t AUSTRALIA, Gladstone-4CD, poss. here w/Non-stop C&W mx, at 1116 on
2/6. (PM-Or)

945 t SOLOMON ISLANDS, Gizo, fair w/940-950 slop at 0715, OM in Native
lang. poss. Pidgin, Island mx, lost to noise, sounded also pop mx
in there, so also NZ poss, on 2/6. (PM-Or)

954 AUSTRALIA, Sydney-2UE, talkback pgm in passing at 1037 on 2/6, fair,
w/some slop. (PM-Or)

963 NEW ZEALAND, Christchurch-3YC, fair // 657 at 1111 2/6. (PM-Or)

981 NEW ZEALAND, Kaikohe-1YE, hrd // 963 w/Clas. mx at 1112-2/6 (PM-Or)

999 AUSTRALIA, Nowra/Broken Hill-2ST and 2NB mixing here, 2ST w/Pop mx,
and 2NB w/Jazz at 1052 on 2/6, KOMO off. Unneeded but nice to hear. (PM-Or)

1008 NEW ZEALAND, Tauranga-1ZD, vy good all night w/Tonight Show and
pops, 2/6. (PM-Or)

1017 AUSTRALIA, Sydney-2KY, talking about racing in passing at 1058-2/6 (PM-Or)

1026 AUSTRALIA, MacKay-4MK, one of the strongest Aussies hrd here, w/Pop
mx all night 2/6, 40DB+/-9. (PM-Or)

1035 SOLOMON ISLANDS, Honiara-SIBC, poor under 2ZB at 0745 on 2/6. (PM-Or)

1044 NEW ZEALAND, Dunedin-4ZB, again vy good all night 2/6, Tonight Show (PM-Or)

1053 NEW ZEALAND, New Plymouth-2ZP, fair // 1044, Tonight Show, Pop mx
at 0935 on 2/6 (PM-Or)

1107 AUSTRALIA, Sydney-2UW, poor w/Pop mx at 1230 on 2/6, in passing (PM-Or)

1116 AUSTRALIA, Brisbane-4BC, fair w/1120 slop, but hrd w/Pop mx and TC
at 1220 on 2/6. (PM-Or)

1143 NEW ZEALAND/AUSTRALIA, Both mixing here, NZ w/presumed National pgm,
and unid Aussie w/Pops at 1211 on 2/6. (PM-Or)

1152 NEW ZEALAND, Timaru-3ZC, fair o/2WC? w/Tonight Show at 0926-2/6 (PM-Or)

1188 WALLIS ISLAND, OM in FF at 0710 on 2/6, lots of KEX slop. (PM-Or)

1197 NEW ZEALAND, Wanganui-2ZW, fair // 1008, Tonight Show-2/6 at 1118 (PM-Or)

1206 AUSTRALIA, Grafton-2GF, good w/C&W mx o/presumed 4X0 (Pops), at 1212
on 2/6. (PM-Or)

1287 AUSTRALIA, Tamworth-2TM, fair w/C&W mx, at 1237 on 2/6. (PM-Or)

1314 AUSTRALIA, Wollongong-2WL, good w/rr mx and 2WL IDs at 1149 on 2/6,
also noted on 2/5, but weaker. (PM-Or)

1332 NEW ZEALAND, Auckland-1XI, hrd "Radio I" in passing after ONJ song,
lots of KUPL slop, at 1046 2/8 (PM-Or)

1386 AUSTRALIA, Sydney-2EA, poor, w/YL in European lang at 1027-2/6, in
passing. (PM-Or)

1413 AUSTRALIA, Newcastle-2KO, poor w/rr mx and weak ancr at 1150 on 2/6,
lots on 1410 slop. (PM-Or)

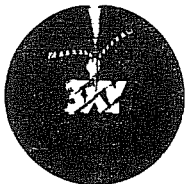
- 1476 NEW ZEALAND, Auckland-Radio Hauraki, good at 0747 on 2/8, into nx at 0800 or thereabouts, wx at 0803, as I tuned back, more pop mx, seems the format is more Top 40 than last time I hrd them, before, more heavy rr. (PM-Or)
- 1530 NEW ZEALAND, New Plymouth-2YP, fair to poor u/o 2VM, w/National pgm, // 756 and others, at 0930 lost to 2VM (With nx), and tuned back, and was good after 1000. New and lkw. (PM-Or)
- 1548 AUSTRALIA, Emerald-4QD, good in passing all night 2/6, Clas. mx (PM-Or)
- 1557 AUSTRALIA/ NEW ZEALAND, both mixing here in passing at 1007-2/6 (PM-Or)
- 1575 AUSTRALIA, Wollongong-200, poor to fair w/rr mx at 1127-2/6. (PM-Or)

VERIES:

620 ALASKA, Homer-KGTL, rec. form letter for taped report in 3-4 weeks, along w/map of Homer, Alaska QSL #28 from Oregon. Signed: David F. Becker-President. 5KW (PM-Or)

THANKS TO THESE REPORTERS:

- NHP-BC Nick Hall-Patch-1538 Amphion Street-Victoria, B.C. V8R 4Z6
Trans. HRO, 3' Box Loop
- PM-OR Yer Editor
SP-600JX rx, 200' Term. LW running NE (for DUs), Ground system.



If not delivered in 7 days, please return to
P.O. Box 120 - BURNIE - Tasmania 7320

Incorporated in Tas.
558 - 7BU

A unit of the
Tasmanian Broadcasting Network



Night falls hard in the California desert. A few blinks after sundown and even the rosy edge of the horizon is coffin black.

It's lonely in those infinite dark stretches between Las Vegas and Barstow and Palm Springs and Yuma, where the long-distance salesmen, the truckers and other vagabonds rediscover the secret mystique of radio.

Buzzing on No-Doz and Diet Pepsi, the Brotherhood of Midnight Radio understands what most of us homebound video-conditioned urban commuters have long forgotten: Radios are meant to be tuned in, not punched up like a Cuisinart.

But the Motorola mass of men lead lives of conditioned desperation.

One button for an all-news AM.

Another for a little all-talk.

A third to punch in Rick Dees or some other mini-playlist FM rocker.

And the remaining two buttons for a little classical, country or some sports . . . whatever suits our programmable tastes.

With its five-button limitation (two for AM stations, three for FM), the digital generation doesn't seem to need dials anymore.

It takes a dark journey through the Mojave or deep into the ink of the Coachella Valley to bring it all back.

I drove out to Palm Desert a month ago to visit Mary Neiswender, an old friend who now owns an all-news radio station. We talked too long and I looked out the station 'window' to 'see the last light

PUSHING THE MANIC BUTTON

Car Radio Heats Up in the Dark Night of the Desert

By DENNIS McDOUGAL

choked off behind Mt. San Jacinto. I panicked, gave Mary a goodbye hug and departed.

When I crawled behind the wheel, I instinctively punched up . . . *nothing*.

City radio buttons don't work in the desert. Except for clear-channel KFI, whose brute-strength wattage cuts through the night all the way to Albuquerque, Los Angeles radio is simply headed off at the San Geronio Pass. Virtually nothing gets past Banning and—when the sun goes down—even the Palm Springs stations that remain on the air cut their power down to a whisper.

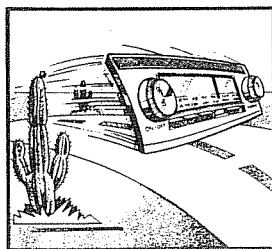
In their place is a potpourri of programs bouncing around in the dark like voices at a slumber party:

□ The call-in astrologist from Denver who casts telephone horoscopes over the air, based on the date and hour a caller was born.

□ The financial adviser from the Midwest who can't seem to get his listeners to buy enough insurance, save enough cash or find enough tax deductions.

□ The San Francisco commentator who must have been a student of the late, great audio pugilist Joe Pyne, picking a brawl with every other caller.

Evangelists; country drawlers; Miss Lonelyhearts of the airwaves, all beam-



RICHARD FLETCHER

ing into the isolation of the Toyota as it cuts through the long asphalt ribbon running through the center of the desert.

Satellite feeds are all over the dial, breaking news as seen by AP, UPI, Mutual, CBS, ABC, NBC. But, in the dark, I get more than enough of that. I want companionship, not headlines.

I want "Amos 'n' Andy" and "Fibber McGee and Molly." I want limericks and jingles as performed each Saturday night by the Folk Song Department on "A Prairie Home Companion." I even find myself craving a little Paul Harvey, turning the make-believe pages of his make-believe newspaper, replete with

THE RADIO SHACK

PATROLMAN

SW60

by Pete Taylor

The SW60 is a relatively new Radio Shack product which costs about \$60. My initial attraction was that it had a bunch of weird bands for which I did not previously have receivers. And as well all know, if it emits a signal, I want to be able to pick it up...

FEATURES: 6 bands, including AM; FM; SW 6-18MHz; two VHF bands, 30-50 and 108-174MHz; and UHF, 450-512MHz. Two swivel antennas: FM/SW/VHF, and UHF. Internal Ferrite loopstick for AM. Dial light button. Large jack for headphones (as opposed to mini). Fine tuning

control. Squelch control. Battery (4 C cells) and AC operation.

PERFORMANCE. I have been quite pleased with the set. The audio quality is good (even I can occasionally hear the 10kHz whistle between adjacent channels). And while there is fine tuning, AM signals are generally wide enough so as to be able to use only the regular tuning control.

As far as "other" band operation goes, the FM has non-optional AFC, so you miss a few weak stations. VHF and UHF TV stations pop in from time to time on the high VHF and UHF bands, which is sort of fun. And the airplanes, utilities, and other signals are also fun. However, the SW band is useless. I have yet to pick up any signal between 6-18MHz. There is nothing but FM/TV induced noise.

As for AM DX, the internal loop is good. For example, I can null KSTN/XEEX on 1420 and hear only KITI. KBAI is in the clear with proper set orientation. I can null out both KEST and KRE. It is not as effective below 1mHz as it is above; the signals are just too fat. Above this, however, I can hear stations on all the frequencies which are first adjacent to locals. It is virtually image free (on the ICF2001 & ICF 6700W, KABL-960 is on 860, 1010, 1150). There is some FM/TV related white noise between 1000-1100kHz, but it is not too bad.

As far as loggings, KYXE-1020 came in stronger on the SW60 than on the adjacent ICF2001, and outperformed it in most other instances. KYAK-650 was noted at 2:15am PLT the other morning, after I nulled KFI. Since there is no external antenna connection, it obviously isn't designed to handle that, and would probably overload.

All in all, I am really pleased with it, and am amazed at the instances where it is a superior DX instrument compared to some of the other more expensive sets in the house. It won't replace your main set, and you probably won't find it picking up TA/TP splits too often, but for the price, I think you will be pleasantly surprised; I certainly was!

gee whiz stories. (Did you know Abner Doubleday *did not* invent baseball! Here's the rest of the story. . .)

Paul, the Denver astrologer, the cranky San Francisco commentator—they all crowd in the front seat with me as I move at 55 m.p.h. past Banning and Beaumont. It doesn't seem quite so lonely with all of them in the passenger seat, shouting, chuckling, cajoling. . .

But something happens around Riverside. The buttons work again.

The late Canadian media philosopher Marshal McLuhan divvied up the world of media 'twixt hot and cool.

A hot medium such as radio demands participation, he reasoned, because it takes some imagination to "see" what you hear.

But a cool medium such as television only demands attention. The least imaginative among us can fester before a TV for days without once having to think much about what we are witnessing.

In an insidious way, push buttons have brought a coolness to the medium of car radio. It doesn't take much thought to avoid all but five stations of the 83 that operate in metropolitan Los Angeles.

It's only when they are rendered useless in the black grip of the desert night that the heat of radio really returns.

But the freeway sign reads "Corona" now and Orange County is just up the road. It's time to get back to cold reality.

By Anaheim, I'm resigned to my fate and punch up the nearest button. □



THE INTERNATIONAL RADIO CLUB OF AMERICA

CLUB ADDRESSES

Membership Dues, Address Changes, and Renewals:
P.O. Box 26254, San Francisco, CA 94126
Bulletin Material, Sample Requests:
P.O. Box 21074, Seattle, WA 98111
The IRCA Goodie Factory (Publications and Reprints)
1422 W. 5th St., Tempe, AZ 85281

MEMBERSHIP DUES

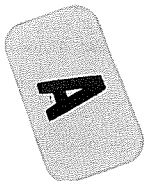
\$16.50 First Class to the U.S.A., Canada, and Mexico. \$6.00 for trial membership(10 issues of DX Monitor and a New Member Packet) to the U.S.A., Canada, and Mexico. \$18.00 Surface Mail to the rest of the world. \$27.00 airmail to Central America, Colombia, Venezuela, and the Caribbean. \$30.00 to the rest of Latin America, Western Europe, North Africa, and the Middle East. \$34.00 to the rest of the world. Sample copies of DX Monitor cost 50 cents each or three International Reply Coupons. Make checks and money orders payable to IRCA. Persons living outside the U.S. should make dues payments by check or money order payable in U.S. funds.

The International Radio Club of America is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (Medium Wave). IRCA is a member of ANARC, the Association of North American Radio Clubs.

Club Officers: President--Phil Bytheway, 9705 Mary Avenue NW, Seattle, WA 98117. Secretary--Treasurer--Rich Segallas. Board of Directors--Ernest Cooper, Nancy Harady, Ric Heald, Neil Kazaross, Bruce Portzer, Peter Taylor, Niel Wolfish.

DX MONITOR, the official bulletin of the IRCA, is published 34 times per year, weekly from October to March, twice in September and April, and monthly from May to August. Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in DX Monitor, provided credit is given to IRCA and the original contributor. Opinions expressed in DX Monitor are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors, or officers.

PUBLISHING COMMITTEE: Bruce Portzer (206)522-2521, Evelyn Portzer, Phil Bytheway, Jef Jaisun



FIRST CLASS MAIL
U.S. POSTAGE
PAID
Seattle, WA
Permit No. 601

first class

D. A. NYHOLM 19
2071 CEDAR STREET
SAN CARLOS CA
94070

Postmaster: if undeliverable, return to
P.O. Box 21074, Seattle, WA 98111, U.S.A.