

DX Monitor

Devoted Exclusively to
Broadcast Band DXing



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In This Issue

Broadcasting Information	2	Sale of KSCO	16
Eastern DX Forum	5	Central DX Roundup	18
More Hours for Radio Marti	7	Western DX Roundup	19
Western DX Forum	8	DX Worldwide West	22
Additional MWT-1 Tuners	9	Top End	23

DX Test

Monday
March 31

KPCR-1530, Bowling Green, MO will test from 0300 ELT to whenever, using voice and morse code IDs, and music. Send reception reports to J. Paul Salais, President, KPCR, Box One, Bowling Green, MO 63334. Arranged for NRC by Wayne Heinen and Dan Bartek.

Odds and Ends

ANARC CONVENTION. The 1986 ANARC Convention will be held July 18-20 in Montreal, and will be hosted by Ian MacFarland and Radio Canada International. The convention will be held at the Holiday Inn, Place Dupuis, 1415 St. Hubert, Montreal. All sessions will be held at the hotel. More details will appear in future DX Monitors.

ANOTHER SUPPLIER. International Radio reports they have a newsletter on receiver modifications available from them. These mods are available on a variety of receivers. For details write to International Radio, 1532 SE Village Green Drive, Suite L, Port St. Lucie, FL 33452.

CUBAN INTERFERENCE. The recent inaugurations of broadcasts to Cuba by WAQI (a commercial broadcaster) and Radio Marti has apparently led to more Cuban interference. Radioworld, an industry publication, reports broadcasters have reported strong Cuban signals on 710, 1160, and 1210 kHz. 710 and 1210 are both used by Spanish language stations in Miami. For information on the 1160 interference, see Charley Keleher's forum in this issue.

POWER BOOST? Radioworld also reports that the FCC is considering a 50 kw power limit for Class IV AM stations in Puerto Rico, the Virgin Islands, Alaska, and Hawaii. This is rather interesting, since all class IV stations operate on the Graveyard channels (1230, 1240 etc), and the article doesn't mention anything about class III stations. This would be potentially good for DXing if it's true. Can anyone shed more light on the proposal?

OTHER PROPOSALS. We reported several months ago that the U.S. and Mexico had reached a tentative agreement to allow U.S. daytimers to operate fulltime on Mexican clear channels. This was to have been finalized in November 1985, were it not for the earthquake in Mexico City in September. The FCC now says the agreement may now be signed sometime in "early 1986". Stations on these frequencies (i.e. 540, 730, 800, 900, 1050, 1220, and 1570) will then be allowed to operate 24 hours, once the FCC tells them how much power they can use (500watts maximum, down to a few watts). On another subject, there will be a conference in Geneva in April to discuss the expansion on the CB to 1705 kHz in the Western Hemisphere. It has been reported that most countries, including the U.S., favor keeping power down to 5000 watts on those frequencies, and that they could be open to broadcasters by 1990.

BROADCASTING INFORMATION

Greg Monti, 1301 S. Cleveland St. #356, Arlington, VA 22204
prepared 13 Feb 86

call	kHz	day/night	at	city
KAFY	550	1000/1000	CA	Bakersfield granted KUZZ
appl	570	500/	AZ	Munda Park (reapplies)
WLVA	590	1000/1000	VA	Lynchburg granted 5000/1000
KSTR	620	5000/	CO	Grand Junction wants 5000/1000 (reapplies)
WCRR	660	250/	VA	Rural Retreat granted 550/
new	700	2500/1000	TX	Tomball granted KTBT
WKJB	710	10000/500	PR	Mayaguez granted 10000/750
appl	720	5000/1000	CA	Atascadero application returned
appl	720	10000/1000	CA	Selma application returned
appl	720	10000/1000	FL	Dover application dismissed
WPKX	730	5000/	VA	Alexandria granted WCXR
KVFC	740	1000/250	CO	Cortez granted KISZ
appl	740	5000/800	WA	Auburn application returned (again)
new	760	1000/	KS	Overland Park granted construction permit
appl	760	500/	MO	Smithville applications (2 of them) dismissed
WYAI	780	5000/	MS	Ridgeland wants WLRM
KFRZ	800	1000/	UT	Brigham City granted KNKK
new	810	2500/	GA	Hahira granted WAWB ("Ann White Broadcasting")
appl	820	???	MA	Weymouth application dismissed in WNYC/WIQT grants
appl	820	1000/1000	MA	Whitman application dismissed in WNYC/WIQT grants
new	830	2500/1000	CA	Orange granted KSRT
WNYC	830	1000/1000	NY	New York, currently limited timer, granted 820 kHz and 50000/5000 fulltime
new	830	2500/500	SC	Sans Souci granted construction permit
WGOM	860	1000/	IN	Marion wants 1000/500
SKSO	870	5000/5000	AK	McGrath wants 10000/10000
new	870	300/500	NV	East Las Vegas granted construction permit for experimental synchronous repeater for KROL 870 Laughlin NV (don't know what the callg will be yet, but if they are also KROL, this station will be virtually impossible to identify separately)
WEAK	880	1000/	KY	Eddyville wants WWLK
appl	890	25000/1000	CA	Rozemond application dismissed
appl	890	5000/	MN	Blackduck application returned (was this 900 kHz?)
appl	890	10000/1000	NM	Bernalillo application returned
appl	900	5000/5000	AK	Fort Yukon (noncommercial)
WPRP	910	5000/500	PR	Ponce granted 5000/5000
KHJ	930	5000/5000	CA	Los Angeles granted KRTH
WTHN	930	500/	FL	Haines City wants WLVF
KRSI	950	1000/1000	MN	Saint Louis Park granted KJJD
KUZZ	970	1000/	CA	Bakersfield granted KAFY
KRKS	990	1000/	CO	Denver wants 1000/390
KWAM	990	10000/	TN	Memphis wants 10000/450
KTRM	990	1000/1000	TX	Beaumont granted KGIC
KMLO	1000	2500/250	CA	Vista granted KKOS
WIQT	1000	1000/	NY	Horseheads granted 820 kHz and 5000/1000
WHBO	1040	5000/1000	FL	Pinellas Park granted 5000/500
appl	1050	1000/	CA	Wasco application returned
WAPI	1070	50000/5000	AL	Birmingham wants 50000/10000
appl	1090	500/	CA	Oakhurst (Starr NRC)
appl	1100	50000/1000	FL	Longwood (reapplies)
WHMX	1110	250/	OH	Kenia wants Fairborn OH and 1100/
WWCC	1120	1000/1000	MA	Concord wants 5000/1000
KATT	1140	1000/	OK	Oklahoma City granted KATR
appl	1160	10000/400	GA	Sandy Springs (reapplies)
WYNS	1160	1000/	PA	Lehighton granted 5000/1000
WHNE	1170	1000/	GA	Cumming wants 5000/
WCXN	1170	5000/1000	NC	Claremont wants 10000/1000
appl	1170	1000/	SC	Quinby (M Street Journal says this is correct; Starr NRC says Quinby NC)
appl	1180	10000/	NC	Carolina Beach (corrects power from 2500/)
appl	1180	1000/	SC	Orangeburg
appl	1180	1000/	SC	Timmonsville (corrects power from 5000/, 5000 is the critical hours power (!))
new	1200	25000/1000	CA	Eureka granted construction permit
KASY	1210	10000/1000	WA	Auburn wants 50000/1000

KLAZ	1250	2500/5000	AR Little Rock granted KOKY (again)
appl	1250	5000/	ME Bangor (replacement for WMLI which went to 1200)
WLEM	1250	1000/	PA Emporium granted 650 kHz and 5000/
KUKA	1250	1000/1000	TX San Antonio granted KXET
KXLR	1260	5000/1000	CA San Francisco granted KOIT (again)
KWKW	1300	5000/1000	CA Pasadena application for 5000/2500 returned
KIOT	1310	5000/1000	CA Barstow wants 5000/500
WTTL	1310	1000/500	KY Madisonville granted 2500/500
WXMC	1310	1000/	NJ Parsippany application for 1000/360 returned
WKEA	1330	5000/	AL Scottsboro granted WSGG
KHYT	1330	500/5000	AZ South Tucson granted 2000/5000
WFTP	1330	1000/500	FL Fort Pierce wants 5000/1500
WVMR	1370	2500/	WV Frost wants 5000/
WXIC	1380	1000/	OH Waverly granted 660 kHz
KBAE	1380	5000/5000	WA Everett granted KRFE
KMMK	1400	1000/1000	CA Truckee granted KHTX
KDLT	1400	1000/1000	CO Delta wants KPLG
KMYC	1410	5000/1000	CA Marysville granted KRFD
KBAL	1410	500/	TX San Saba wants 1000/
WACK	1420	500/500	NY Newark wants 500/5000 (still has appl pending for 5000/500, or was that granted already?)
WBUG	1430	1000/	SC Ridgeland granted 880/, granted WODG
KITA	1440	5000/	AR Little Rock wants 5000/250
new	1440	1000/	AR Lowell granted KKIP
KMLB	1440	5000/1000	LA Monroe wants KWEZ
WRHX	1440	1000/	VA Herndon wants 600/ (still has appl pending for Arcola VA and 500/; is still silent)
WGCA	1450	1000/1000	SC Charleston granted WLNB
WKSD	1470	5000/	WV Huntington granted WWHY
appl	1470	5000/	WV Huntington (competes with WWHY renewal)
appl	1480	500/	LA Independence
new	1490	1000/1000	AR Dardanelle granted construction permit
WSFB	1490	1000/250	GA Quitman granted 1000/1000 (still specified hours)
WIXR	1500	5000/	SC Mount Pleasant granted 1480 kHz and 880/
KOSC	1510	250/	MO Marshfield application for 1000/ returned
WBLB	1510	1000/	VA Pulaski granted 1340 kHz and 1000/1000 (corrects earlier note that 1340 kHz change was cancelled)
WXPQ	1520	1000/	GA Eatonton granted WDBS
WYFC	1520	250/	MI Ypsilanti granted 990 kHz and 500/250
new	1520	2500/	MO Camdenton granted construction permit
WCSP	1520	1000/	MS Crystal Springs appl for 590 kHz & 500/ returned
WKBW	1520	50000/50000	NY Buffalo granted WKWB
appl	1520	560/	TX Cypress
KBXM	1540	1000/	MO Kennett granted KNNT
WTHB	1550	5000/	GA Augusta granted WYHS (appl for WFXA dismissed)
WRHC	1550	10000/500	FL Coral Gables wants 1560 kHz and 50000/4400; then this application returned
KNIC	1550	250/	KS Winfield wants KRKY
WXTR	1560	1000/	MD LaPlata wants WCMD ("Charles County MD")
WEYY	1580	2500/	AL Oxford granted WDXR
appl	1600	1800/620	NY Geneseo

AM STEREO UPDATE: The U.S. Justice Department investigation of Motorola, makers of the C-QUAM AM stereo system, has been terminated with no case made against Motorola. Leonard Kahn, inventor of the competing Kahn-Hazeltine system, complained to Justice that Motorola was violating federal antitrust laws in an attempt to edge him out of the market and become the national standard AM stereo system. Kahn still might sue. (BC)

CUBAN INTERFERENCE UPDATE: The FCC has approved a claim for over \$113,271.44 for WNWS 790 South Miami FL for costs of counteracting Cuban interference. Interference to south Florida stations increased recently when WAQI 710 Miami, which broadcasts anti-Castro programming at times, signed on. (MSJ & BC)

Except as noted from the 20, 27 Jan and 3, 10 Feb issues of Broadcasting and from the 13, 20, 27 Jan and 3 Feb issues of The M Street Journal.

RADIO PROGRAMMING NOTES:

- call kHz at city
- #GIR 610 NH Manchester now news-talk, was adult contemp-news-talk mix
- #FI 640 CA Los Angeles adds Mutual Larry King Show (BC)
- #MPC 710 CA Los Angeles drops Mutual Larry King Show (BC)

WCXR 730 VA Alexandria now album rock oldies "105.9 Washington's classic rock," was country "kicks 106" as WPKK (Monti)

WSBR 740 FL Boca Raton now talk, was adult standards

KSRT 830 CA Orange new station will be Spanish (Orange County Register via Carpenter NRC)

KUTR 860 UT Salt Lake City now Mormon contemporary, was adult contemp

KRTH 930 CA Los Angeles now rock oldies, was adult contemporary and traffic reports as "Car Radio" KHJ (BC)

KJJO 950 MN Saint Louis Park now rock oldies, simulcasting FM; was all-request rock oldies as KRSI

WLPG 980 KY Pittsburgh now silent, was country

CKGM 980 QU Montreal now adult contemporary "light rock," was contemp hits

KGIC 990 TX Beaumont now adult contemporary "magic," was country as KTRM

WEKS 1080 GA Marietta now black "kiss 104," was adult standards as WJYA

WVNH 1110 NH Salem now adult standards (again), was contemporary hits

KESE 1230 AZ Bisbee now country, was silent

WKBR 1250 NH Manchester now adult standards, was adult contemporary

KOIT 1260 CA San Francisco now adult contemporary (soft rock), was new age rock, jazz and news "Trendformation" as KXLR (BC)

WNKJ 1280 LA New Orleans now SMN satellite black adult contemporary, was contemporary hits "13-Q" as WQUE

KQAK 1280 OR Eugene now adult standards, was country as KYKN

WNRS 1290 MI Saline now rock oldies, was Transtar satellite adult contemp

WRKT 1300 FL Cocoa now rock oldies, was country

CIWW 1310 ON Ottawa now rock oldies "W-1310," was ad con-ad stds as CKOY

WHOF 1320 FL Coleman new station is adult standards (ballads)

WHRQ 1320 VA Lynchburg now adult contemp-contemp hits mix, was rock oldies as WLGM

WEZY 1350 FL Cocoa now adult standards, was easy listening

KOKE 1370 TX Rollingwood now adult contemporary "lite 95," was Spanish KHHM

WHRS 1380 KY Winchester now talk for the horse industry, was ad con WWKY

WKYC 1400 UT Provo now Mormon contemporary, was country as KFTN

KITZ 1400 WA Tacoma now automated oldies, was silent

WINF 1410 FL Leesburg now religious, was country as WZST

WATD 1410 MA Brockton now adult standards, was silent as WAMK

WLVS 1430 TN Germantown now Transtar satellite Format 41 adult standards-adult contemporary mix, was news-talk

WLNK 1450 SC Charleston now SMN satellite black adult contemporary, was Transtar Format 41 adult standards-adult contemp mix as WACA

KAYC 1450 TX Beaumont now adult contemp-adult stds mix, was country oldies

KATJ 1450 UT Saint George new station will be adult contemp-country mix

KARR 1460 WA Kirkland now silent, was adult standards

WXVQ 1490 FL Deland now a mix of black and adult contemporary "15-Q," was adult contemporary

WWKB 1520 NY Buffalo slogan remains "KB-15," format remains adult contemp

KARP 1560 WA Sumner now religious, was silent

Networks: New to the ABC networks in March is "Music of America," an umbrella title for a series of concerts and special events beginning with Oak Ridge Boys and Judds concerts. (BC) Mutual's Jim Bohannon will host "Back Page of the News," a new daily feature oriented toward the lighter side. Also, look for Mutual to beef up its sports coverage with increased sportcasts in morning and afternoon drivetimes. (BC) NBC adds "Mike Maus on Religion," a weekly series reflecting America's growing involvement in religious activities. (BC)

Otherness: The US Senate is considering a resolution which might allow live radio and television broadcasts of Senate floor debates and votes. One version of the resolution allows live radio broadcasts but describes the television broadcasts that would be allowed as "experimental." The House of Representatives floor proceedings have been available live to any radio or television broadcaster who wants them since 1979. In both cases, the cameras and microphones are, or will be, controlled by the leaders of that house of Congress. (BC)

(Programming items are from The M Street Journal except BC = Broadcasting, NRC = National Radio Club DX News or named reporters)

RECENTLY ANNOUNCED (and still pending) STATION SALES:

WMBL 740 NC, WHCU 870 NY, WIAM 900 NC, KOYN 910 MT, WMJR 930 GA, KKEN 980 AK, WIOI 1010 OH, WYAK 1270 SC, WHOU 1340 ME, WHLF 1400 VA, KKIP 1440 AR, WRKB 1460 NC, CKCX 1460 OR, WVBS 1470 NC, KIDI 1480 ID, WFLB 1490 NC, WPUT 1510 NY, WCKZ 1600 GA. Dismissed station sales: WQKA 850 NY, KDAX 880 NV, WBEZ 1140 PA, WKDJ 1310 MS, WGRV 1340 TN.

EASTERN DX FORUM

RICHARD EVANS
English Village Apts; Bldg 23 Apt. B-6
NORTH WALES, PA 19454

Deadlines: 3/1 3/8 3/15 3/29 4/12 4/26 5/10 5/31 6/28 7/26.
Anniversary issue: 3/8 (please mark it for that issue)
This column typed: 2/15/86.

Karl V. Jeter, 2115 Scarbrough Road, Stone Mountain, Georgia 30088
Greetings once again! I continue to have fun with the south-oriented beverage that I strung up a few months ago. It is amazing how many new loggings from Florida in particular that I have gotten recently. One frequency that has been very fruitful is 1400, where all but two of the Florida graveyarders there have been logged. I am also getting fairly well into South Georgia, which is nice because most of my unheards for Georgia are down there. I recently, on 1/25 bagged one: WULF in Alma, which always signs off early: either 1800 EST or 1900 EDT. Their status is "Specified Hours". I have noticed during several daytime sessions that even DX then is interesting with this wire: such as WPAX-1240 Thomasville, Ga. and WTNT-1270 Tallahassee both heard in the afternoon back in Dec. over much closer stations north of here. I was really thrilled to receive a nice v/l in Spanish from Radio Belen-1180 Santiago, Panama, my first from this country. The letter was very nice, although it was mentioned that I got the wrong time zone in my report! A few other notes of interest: WKQE-1410 is now using the slogan "The All-New Super Q" with what sounded like an urban-contemporary format; this was formerly WONS. Also, the 1410 Leesburg, Fla. station is now using their new calls, WINF, with a gospel format. On 2/1, I heard the new WJOR-1040 who ID as "St. Joseph-Lawrenceburg" and are running country music. Belize has finally been heard on its new frequency of 830 with a strange mix of EE and SS music, and with the DJ switching back and forth, along with both "Radio One" and "Radio Uno" slogans. Finally, I received a v/l from the CE of WSWN-900 Belle Glade, Florida who is interested in DX and was familiar w/TRCA! Guess we will have to sign him up! That's about all the rambling I have for this visit...73's until next time!

Tom Jasinski, 503 Jensen Street, Shorewood, Illinois 60436
Greetings: Construction on WBYG-930, Sandwich, Ill. transmitter site is complete. They were noted testing on Jan. 21 and 22. I hand-carried my reception report. A prompt v/l was received in the mail 6 days later. Verie signer is Chief Engineer, Lane Lindstrom. WBYG address is RFD #1, Plano, Ill. 60545. Plano is a neighboring town to Sandwich. They will share studio's with WSPY-FM-107. The WSPY studios are located 1 mile north of Plano. CE says they were conducting non-directional proof of performance tests. The directional PoP test will be conducted shortly. My verie letter says they will be going full time around the end of Feb. So look for this one testing or on the air soon. The last few nites have had very auroral conditions bring in Gulf coast stations at sunset followed by Latins in the evening. The Cuban on 1160 was especially strong on Friday, 2/7. They had an excellent signal in WJJD null with English language program. Saturday evening brought up Radio Marti on 1180. Recent QSL's: WDLA-1070, WBNW-1040, WLSI-930 (pppc after 3 followups), WSGI-1190, WCSW-940. I need help with WBRN-1460, CKGB-750, CRFG-1320, WSMB-1350, WJSB-1050, WSER-1550. All have not replied to several followups. Anyone with a verie signer for any of these stations please reply. Your help is appreciated. 73's.

Charley Keleher, 18747 Deerpath Road, Wildwood, Illinois 60030
From time to time, I listen to WJJD-1160 while driving home from work, and, just recently, thought I heard an English-speaking station underneath them. KSL, maybe, but seemed too early for KSL. Then, on 2-7-86, I got in my car after dining at a fast-food place, and started it up. This was at 18th roundup time, and the radio was tuned to 1160. WJJD's lady announcer said, "We've been getting complaints of interference with our signal. We think it's Cuba. We're going to turn off our transmitter now, and try to find out who it is. Bear with us, now, it'll just be a few minutes." And WJJD went off the air, and Cuba rolled in. First, with a lively song in Spanish, the announcements, by a man and woman, in English!! The man said "This is..." and what sounded like call letters, and the signal faded. Murphy's First Law of DX: fades always are worst during announcements. I did hear several mentions of Cuba, though, and the woman ended the announcement by saying, "We hope we helped you enjoy your stay

in Cuba." So apparently the station is claiming to be a service to English-speaking tourists in Cuba, but with enough power to serve anyone in Illinois with a good DX rig (which my car radio isn't), if it weren't for WJJD. Oh well, there is a Cuba, Illinois; and also a Havana. I looked thru several issues of DXM from the last few months, but couldn't find any reference to this in DXMW, although there was a station mentioned on 1170, "right next to Marti." rce, I remember you used to be a WJJD fan, back when they were a country music station. Perhaps you, or someone else in the east, would be in an ideal position to null WJJD and find out more about this Cuban station. Incidentally, and for many reasons, R. Marti seems to be a colossal flop. The main reason is that listeners anywhere would rather hear the news reported honestly, warts and all, than an attempt to counter propaganda with more of the same. That's all folks....Charley.

Karl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, New York 10420

I am very glad to see the amount of discussion going on about the many issues in our club that are considered currently controversial. That is what makes our club truly great. It doesn't really matter if we all agree as much as that we all enjoy discussing it and are willing to come to a mutual position on things. The reason that I proposed so many things for a vote by the board was not only to see if I could approve changes that the people who write to me have asked for, but also to simply vent the issues. For example, I don't personally own a computer, but I had enough mail suggesting that a column about computers might be useful now or in the future. Therefore I asked it to be put to a vote. One thing that really confuses me is the purpose of the technical editor, Nick Hall-Patch. Someone please tell me which articles should be sent to Nick, as I think they always should and which ones someone arbitrarily decides he should not see and are sent directly to Seattle. Why don't we just send everything to Seattle?? We wouldn't need editors at all and there would be a great lack of second opinions, individuality, and a sense of the club being an organized group. Not to mention the fact that Bruce would have a nervous breakdown! I always thought that the technical editor was created to catch our mistakes, put together a wellbalanced column, and act as general coordinator for the material we produce. Someone please enlighten me on this issue! Also, I have always been in the dark about the Canadian Korner column. I have guessed, over the years, that it is compiled by Brian Vernon, but it seems very casual and inefficient. If I know something that should be printed in Canadian Korner, where do I send it; and/or why isn't the material in Canadian Korner just printed in Greg Monti's column along with the rest of the Canadian news that he compiles? (Karl, I always thought Nick-Hall-patch did the Canadian Korner--rce) As for DX, (remember DX?) conditions have been very boring on the East Coast, at least for me. On the rare occasion I do get to DX, I have been logging nothing but the same old stuff and nothing much new is being heard, unless of course, the station has just signed on the air, like all the new Canadian fill-in-the-blank-frequency stations. I would find myself hard pressed to print in my column, at least from myself, loggings like WWVA, WWKB, CKLW, WFPA, etc. over and over and over again. Maybe things will change. I took a very brief trip to San Francisco over the weekend, and the place I stayed in was what I called an "RF Gell". Nothing under 5 megawatts penetrated this area, and my car had a built-in windshield antenna! Aaaaah! I did manage to pick up KFI-640 pretty well at night from Los Angeles, but trying for Seattle or Boise, etc. proved useless. I also couldn't get XETRA on 690. I guess their directional pattern does not cover San Francisco as well as LA. Anyway, buckos, it's great that we are all writing in with opinions, and we'll come to some sort of conclusion on all these things and maybe come up with a club that serves our needs just that much better. IRCA has a big fan at this address. Send me a report while you are at it, my cats need something to attack! 73s de KZ.

John H. Demmitt, Box A K0848, Bellefonte, Pennsylvania 16823

The chief engineer at WRSC sent me a very nice thank you letter for informing him of the spurs his transmitter was putting out on 30 kHz on either side of his 1390 frequency. Seems their 2.5 kw Cetec Sparta transmitter developed a 20 kHz oscillation in the modulation driver transistor stage and it was corrected by adding two feed back capacitors in the stage. The CE added that reports from radio monitors about defective signals really is appreciated and helps the work of the CE's. I guess that the station would rather hear about a defective transmitter from a radio monitor rather than from an official from the FCC, hi. (second report) WDKR/FM-102 Cleveland's nice and easy music station has started giving away "1,002.00 every weekday morning from 0730 till 0745 on the Tall Ted Hallaman show. To win, one must be the first person to correctly call the station and identify the Song of the Day. With promotions like this, it is no wonder that the AM market is losing so many listeners. WWWE-1100 is not part of CNW Radio, and will carry the CNW world and national updates, business news and sports reports.

Richard C. Evans, English Village Apts, 23-B-6, North Wales, Penn. 19454

How many people remember Ernie Cooper's running battle with the post office back in the 1960's? It's the one where you could be sending him mail at the address he had had for 30 years only to have the letter come back stamped "unknown"! It's nostalgia (except perhaps to Ernie who might have a "better" name for it, hi), but it's to my mind again because in the past two weeks we've run into mail problems here at the apartment complex. First, my wife had trouble getting a paycheck from CBN/700 Club and it turned out the check (which had the right address on it) was returned to Virginia Beach, Va., with a rubber stamp on it saying "return to sender". The Phila. office sent it back to us in another envelope using the same address and we got it the next day. We didn't think much about it until I got the report in the mail from John Demmit and he said the first one had come back to him marked "Return to Sender". Has anyone else had problems getting mail to me recently? It appears these two incidents may have happened the same day and hopefully thus be an isolated problem, unlike Ernie's which went on for several years. The P.O. Box is still open, so I can swing back to it, but it's inconvenient and the wife is fairly adamant about not using it.—Also, John mentions that I might be getting WQBE in Charleston, W.Va. under WFPN at night here. Funny, I used to hear them all the time when I was in Indiana, but never gave it a thought here. WFPN is dominant enough here in the Phila. area that it's all but impossible to pick off an ID. Still, while it's possible, I can't picture WQBE carrying the Detroit/Philadelphia basketball game. Also, John, I know about WRKO on 1440 from Warren, Ohio. They bomb in here after WNPV goes off the air, even on the clock radio. By the way, WNPV stands for North Penn Valley. I think the nickname came from the railroad days of old, back about 1880. Karl Zuk, I think the problem with what to send the technical editor originated about fifteen years ago when some contributors decided the editor at that time was doing a decent job until he got to their articles, and then he did a lousy job. It was a case of "don't edit my stuff", and the position has never really recovered from it. I don't even remember who the editor was at the time, except that it was not Nick Hall-Patch. Rth, where in the club By-Laws does it specify which time zones are to be used in the DXM? I've been thru the copy of the By-Laws published in the 3/19/83 DXM and can't find anything near it. Are you thinking of the Editorial Policy which can be changed by the BOD on its own decision any time it chooses? Gotta run. Hurry up with those anniversary issue Forum reports....time's running out!!! PTL.



More hours in the day for Radio Marti

Government's AM service to Cuba adds three hours to its schedule

Some nine months after its inaugural broadcast, the Radio Marti Program of the Voice of America is expanding its broadcast day by three hours. The service that the Reagan administration proposed and persuaded Congress to approve as a means of breaking what the administration said was the Castro government's monopoly on information in Cuba increased its air time to 17½ hours daily on Feb. 10. The station now broadcasts from 5:30 a.m. to 11 p.m., daily, filling in a gap between 1:30 and 4:30 p.m. when Radio Marti was off the air.

Representative Dante Fascell (D-Fla.), chairman of the House Foreign Affairs Committee and a strong supporter of Radio Marti, hailed the expansion of its broadcast day. He said that "Radio Marti has been an astounding success in bringing objective, balanced news and entertainment into Communist Cuba." He said Cuban efforts to "counteract Radio Marti are graphic evidence of how effective Radio Marti is."

A USIA spokesperson said the Cuban government has been "revamping the programming on its own domestic networks to provide listeners with a viable alternative to Radio Marti." The spokesperson said the domestic stations have adopted "a livelier format," offering for the first time news reports from correspondents, as well as "more American music." The USIA regards that as proof Radio Marti is offering the Cubans radio service of a kind they never had before.

Ernesto Betancourt, the director of Radio Marti, said that in shutting down for three hours in the afternoon, the station had turned over its audience "to the competition." The Cuban government broadcasts of Radio Progreso and Radio Rebelde. Betancourt said

the programming now filling the time was developed on the basis of audience research done since the station went on the air in May.

Betancourt said Radio Marti, which had begun broadcasting with two-thirds of its authorized strength of about 180 employees, now has 161. And that, he said, "permits us to do closer to the full production that had been proposed." He said the programming schedule has been revised to provide for news, commentary, interviews, talk shows and music, for various age groups, throughout the day. The station continues to broadcast its daily, one-hour soap opera, *Esmeralda*. Betancourt also said the service will introduce on March 1 a program that will enable Cubans who have left the island to broadcast messages to relatives in Cuba. They will call in their messages to an 800 number and will be heard on *Family Bridge*, which will begin as a 15-minute program, once a week.

Radio Marti's first broadcast, at 5:30 a.m., on May 20, 1985, culminated a three-year effort by the administration to persuade Congress to approve the project and appropriate the necessary funds. American broadcasters were a major reason for the delay. They feared that the administration plan would lead to a "radio war," with Cuba stepping up the interference its stations were already causing American AM outlets, particularly in Florida. To ease concerns that Radio Marti would be a strident propaganda organ, the administration abandoned its proposal to place it under the Board for International Broadcasting, and to incorporate it instead within the VOA. The law creating Radio Marti requires it to adhere to VOA standards "to insure the broadcast of programs which are objective, accurate, balanced and which present a variety of views."

Thus far, a radio war has not begun. The

chief of the FCC's Field Operations Bureau, Richard Smith, said the only recent variation in Cuban AM broadcasting occurred two weeks ago in connection with the broadcast, on 1160 kHz, of a speech by President Fidel Castro to the Cuban Communist Congress, which meets once every five years. (Radio Marti had covered the congress extensively, providing news and commentary based largely on monitoring Cuban radio and TV coverage of the four-day meeting, which ended on Feb. 7). The Cuban station stayed on the air about an hour past its customary sign-off time of about 6 p.m. to carry the full text of the speech, which Smith said ran about six hours. □

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February 11, 1986
via Robert Wien
(used by permission)



Western DX Forum

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IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 8539 Bellamy Way, Sacramento, CA 95828 USA

1986 DEADLINES — WEEKLY ON TUESDAY, 12 DAYS PRIOR TO PUBLICATION DATE

Just Four Weeks Remain for Anniversary Issue Deadline—Mail Your Forums Today!

IRCA ANNIVERSARY ISSUE DEADLINE - 11 MARCH 1986

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504

Hello. Well another three-letter call is gone. KHJ 930 is now KRTH "AM 930" with oldies. The story in DXM #743 on three-letter calls was very interesting.

Saw in WDXF where Tim Hall heard the 530 kHz station at the Hollywood-Burbank Airport. The call is WNCN 749 and I called the airport to ask about the station. Was told to call back the following day and ask for Mark Murphy. Their address is Burbank Airport, 2627 Hollywood Way, Burbank, California 91505. Phone: (818) 840-8840.

RW, I wonder if the KVVQ management even knows KKAR has a phone listing. If you find out anything about where the 910 transmitter will be or how many towers, let me know. Also interested in their planned format. Am sure they'll use the FM location on Hesperia Road (I think) for the new AM. The building looked new and modern.

Currently raining here 13 February.

About the bit of KOTE being automated - I meant live assist and the morning team is that, using taped music on reels and having different features at the breaks. Maybe it was my writing but KAVC FM has one tower, not two. (You're right, Gary. You'd think I'd be used to your handwriting after ten years, hi-Rth.) There's lots of land out there to put up a transmitter on 890.

Wrote to the CE at KKAR Hesperia, but not answered yet. Maybe they don't get mail delivery at the site.

Hope you all contribute to the Anniversary issue. 73.

RIC HEALD, 8539 BELLAMY WAY, SACRAMENTO, CA 95828 Tele-Forum (916)
386-B677 to 2200 FLT & pdd

Greetings from soggy Sacramento. Only 6 inches of rain in the last three days here, that's a sprinkle compared to over 25 inches from some of the foothill and mountain communities, with mountain stations getting all that rain atop the snowpack. And for once, the media hasn't been playing up a story. What you've all seen on network TV regarding the NorCal floods is altogether too true. The worst since 1955, the granddaddy of them all, but this time many more reservoirs and dams.

With that in mind, after meeting KRAK's FM drive jock at a live remote over the weekend, decided to make one more try to spot their towers. He said they were at Wilton, about four miles from where I'd been previously looking. Translation: Four miles closer to me! So out into the storm I went on President's Day, got to Wilton alright, and from the garble adjacent to 1140 I was within a half mile, but after wasting gas making numerous detours (around flooded roads), headed for home and called in my findings (road conditions, that is) to the KRAK news department.

By the way, are you looking for a great investment in media in the sixth fastest growing metro area in the nation? Well friends and neighbors, KQVR-TV is up for sale. An absolute steal at just \$120 mil. Needs some minor repair work though, such as a new transmitter, new tower, new or remodeled studios, but aside from those minor details, in fine shape, hi. They been laying off some of their veteran people.

Have done some dial twisting, concentrating on SSS the last week or so and was pleasantly surprised with KASA 1540 Phoenix with their 1815 MST s/off. Moments earlier heard KUAT 1550 do likewise. Both, strangely enough, nearly alone on their respective channels. Caught a KKMV 1000 the other morning, followed by KKIM blasting in from their PSA to 10 kw. Details in next week's WDXR. Also, KMYC 1410 still KMYC, but // with their FM, KRFD, which are the calls they're requesting on the AM side.

Trivia time. What was KDWN's calls before KDWN? If you said KQRX, you're right. They had the CP and were in final stages of testing before RS when one of their towers was blown over and they didn't have the financial resources to continue.

Am getting quite a collection of veries for the Anniversary issue. As the headline indicates, time is getting rapidly nearer to the deadline. Hope to hear from all of you.

8 Best of DX and 73 de Rth. .

Additional Tuners in the MWT-1 Family

Mark Connelly

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WALION DX Labs

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07 JAN 1986

Introduction

This is a follow-up to the MWT-1 tuner article dated 18 DEC 1985. The purpose of this article is to introduce smaller tunable RF amplifiers / active preselectors designated Mini-MWT-1A and Mini-MWT-1B. Also, two corrections to the original MWT-1 article are given.

The Mini-MWT-1A and Mini-MWT-1B tuners are designed to improve the performance of low to medium priced receivers. The two aspects of receiver performance to be addressed directly are (1) overloading / spurs in urban areas when an untuned wire antenna is used, and (2) insufficient sensitivity in weak-signal areas when a short (e. g. considerably less than 30 m./ 100') wire aerial is used. The tuners to be discussed are optimised for receivers having low to medium (e. g. 25 to 500 ohms) input impedances; nonetheless, they will also perform with car radios. Unlike the MWT-1, regeneration and passive tuning aren't offered on these miniature tuners; the main benefits of the Mini-MWT-1A & 1B are (a) small size (chassis box size approx. 5.2" x 2.92" x 2.125 ") (b) relatively low cost, and (c) simple operation. A new feature is being introduced on these tuners: vernier drive adjustment of the main 10 - 365 pF tuning capacitor (C1). Use of the vernier drive eliminates the need for a "vernier capacitor" (usually a 2 - 25 pF variable) in parallel with C1. Those familiar with the Worcester Space Magnet ferrite loop antenna know that a vernier reduction-drive knob can be quite valuable for making fine tuning adjustments. Eliminating the vernier capacitor also increases the ratio of maximum tank capacitance to minimum tank capacitance: tuning ranges are widened as a result.

Either tuner may be placed between an antenna lead and the receiver's input. Either may be used in a bypass mode, a short-antenna active mode, and a normal / long-antenna active mode. Functions are selected by switch S2. The reader should become familiar with the units' circuitry, controls, and its input / output connectors as identified in the schematic drawings (Figure 1 = Mini-MWT-1A; Figure 2 = Mini-MWT-1B).

Differences between the Mini-MWT-1A and Mini-MWT-1B

The two tuners are substantially similar; however, there are variations between them that make the -1A version better for some jobs and the -1B better for others. It is up to each prospective user to decide which model's features better serve his or her needs.

Like the MWT-1, the Mini-MWT-1A provides frequency coverages of 140 - 300 kHz and 450 - 2000 kHz. The Mini-MWT-1B gives complete 140 - 9000 kHz coverage and the ability to use an external inductor (a loophead for signal interception without a wire antenna or a moulded inductor to allow coverage of additional frequency ranges when a longwire is available).

Like the MWT-1, the Mini-MWT-1A can pot-attenuate the signals from the antenna when in the Off/Bypass mode (a useful feature for city-dwellers who want to "bandscan" without getting spurs). The Mini-MWT-1B cannot do this: it only allows attenuation in active modes.

The Mini-MWT-1A offers better matching to low-Z inputs such as a random loophead or the output of a phasing unit. Its attenuator pot can be used to improve tank Q (selectivity of the tuner) with some input loads in the normal / long-antenna active mode; the Mini-MWT-1B's attenuator pot has little effect on tank Q. The normal / long-antenna active mode on the Mini-MWT-1B provides coupling sufficiently loose to ensure a fairly selective peak with most inputs, although at reduced coupling efficiency compared to Mini-MWT-1A.

Because of its inductive-divider input in the normal / long-antenna active mode, the Mini-MWT-1A provides better rejection of spurs from VHF sources (TV & FM transmitters) than the Mini-MWT-1B can do with its capacitively-coupled input scheme. This may very well be an important consideration for big-city DXers.

Note: for M1 (RFE-A) Front-End Card subassembly schematic, see Fig. 2 of the 18 DEC 1985 MWT-1 Tuner article; for M1 component-layout "roadmap", see Fig. 3 of the MWT-1 Tuner article.

Figure 1: Mini-MWT-1A schematic

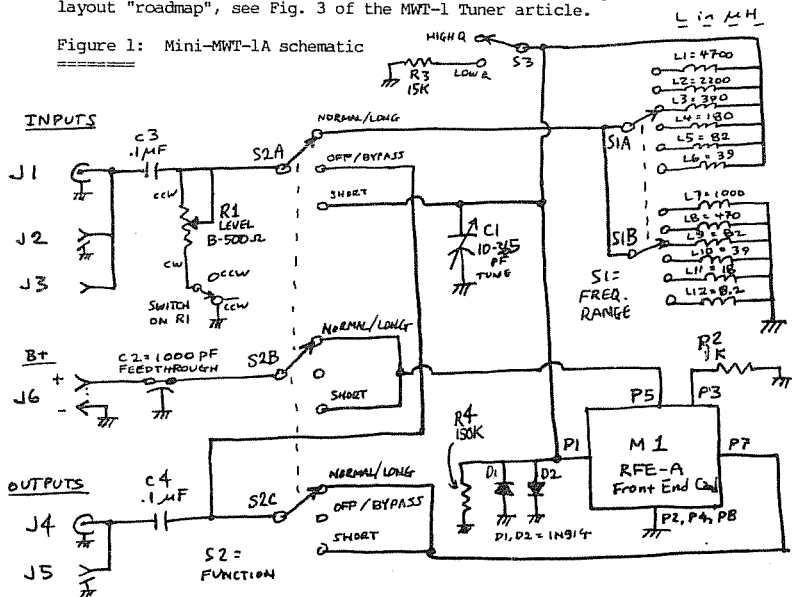


Figure 2: Mini-MWT-1B schematic

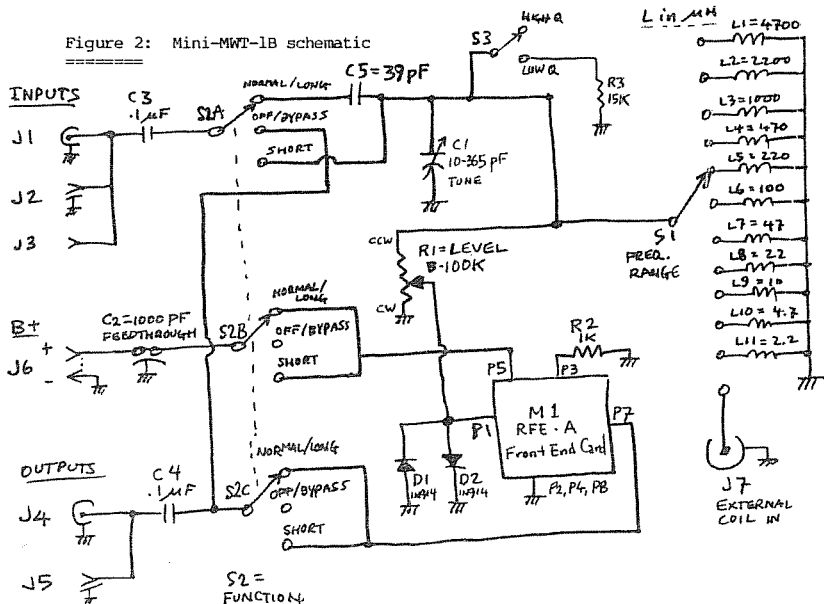


Table 1: Hole List for Mini-MWT-1A and Mini-MWT-1B Tuners

BOX USED = Radio Shack 270-238 (5.2" x 2.92" x 2.125")

X = horizontal distance, in inches, from the vertical centreline (VCL) on the side observed. Negative values of X are left of VCL; positive values of X are right of VCL.

Y = vertical distance, in inches, from the bottom horizontal edge of the side observed.

D = hole diameter in inches.

+++++

L E F T S I D E

Hole #	Comp. Desig.	Description	X	Y	D
1	J2	car ant. in - H/W 1	-1.0	1.038	0.14
2	J2	car ant. in - body	-1.0	0.644	0.5
3	J2	car ant. in - H/W 2	-1.0	0.25	0.14
4	J1	RF source in - BNC jack	0.0	0.5	0.375
5	G1	GND H/W - int.& ext. lugs	0.0	1.125	0.113
6	J3	Wire Ant.In - banana jack	1.0	0.5	0.3125

+++++

T O P S I D E

Hole #	Comp. Desig.	Description	X	Y	D
1	S2	Function switch - tab	-1.625	2.5	0.14
2	S2	Function switch -shaft	-1.625	2.0	0.375
3	S1	Freq. Range switch - tab	-1.625	1.25	0.14
4	S1	Freq. Range switch - shaft	-1.625	0.75	0.375
5	C1	Main Tuning Cap. - H/W 1	-0.463	2.25	0.14
6	C1	Main Tuning Cap. - shaft	0.0	2.0	0.5
7	C1	Main Tuning Cap. - H/W 2	0.463	2.25	0.14
8	-	C1's vernier knob - H/W 1	-0.65625	1.375	0.113
9	-	C1's vernier knob - H/W 2	0.65625	1.375	0.113
* 10	J7	External Coil In-BNC jack	0.0	0.5	0.375
11	R1	Level Pot - tab	0.9375	2.375	0.14
12	R1	Level Pot - shaft	1.25	2.375	0.3125
13	S3	Q switch - tab	2.125	2.625	0.113
14	S3	Q switch - shaft	2.125	2.375	0.25
15	M1	RFE-A Front End Card-H/W 2	1.125	1.5	0.113
16	M1	RFE-A Front End Card-H/W 1	2.125	1.5	0.113
17	M1	RFE-A Front End Card-H/W 4	1.125	0.5	0.113
18	M1	RFE-A Front End Card-H/W 3	2.125	0.5	0.113

* = Mini-MWT-1B only

R I G H T S I D E

Hole #	Comp. Desig.	Description	X	Y	D
1	J5	RF out to car RX - H/W 1	-1.0	1.038	0.14
2	J5	RF out to car RX - body	-1.0	0.644	0.5
3	J5	RF out to car RX - H/W 2	-1.0	0.25	0.14
4	J6	battery holder - H/W 1	-0.125	1.875	0.113
5	J6	battery holder - H/W 2	-0.125	1.0	0.113
6	J4	RF out - BNC jack	0.0	0.5	0.375
7	G2	GND H/W - int.& ext. lugs	0.5625	0.5	0.113
8	C2	B+ input feedthrough cap.	1.0625	0.5	0.188

Parts Lists for Mini-MWT-1A & Mini-MWT-1B Tuners

§ = part used only on Mini-MWT-1A * = part used only on Mini-MWT-1B

Table 2 = "upper level" of electrical & major mechanical components

Table 3 = small hardware

Vendor Abbreviations

DK = Digi-Key - P. O. Box 677 - Thief River Falls, MN 56701
 MOU = Mouser Electronics- 11433 Woodside Ave.- Santee, CA 92071
 NEW = Newark Electronics- (many locations)
 RS = Radio Shack - (many locations)

Table 2: "upper level" of electrical & major mechanical components

Component Designation	Description	Vendor	Stock #
<u>BOX</u>			
-	chassis box (5.2" x 2.92" x 2.125")	RS	270-238
<u>SUBASSEMBLY</u>			
M1	RFE-A front-end card [see Table 5 of the 18 DEC 1985 MWT-1 Tuner article]		
<u>CONTROLS</u>			
C1	10-365 pF variable capacitor	MOU	524-A1-227
§ R1	500 ohm linear pot w/ switch	MOU	31CT205
* R1	100K linear pot w/ switch	MOU	31CT501
§ S1	2-pole 6-position rotary switch	MOU	10WW026
* S1	1-pole 12-position rotary switch	MOU	10WW112
S2	4-pole 3-position rotary switch	MOU	10WW043
S3	SPDT on/on toggle switch	RS	275-326
<u>JACKS / CONNECTORS</u>			
J1	BNC jack UG-1094	RS	278-105
J2	Motorola jack	MOU	16PJ107
J3	banana jack	RS	274-662
J4	BNC jack UG-1094	RS	278-105
J5	Motorola jack	MOU	16PJ107
J6	battery holder (Keystone 1290)	MOU	534-1290
* J7	BNC jack UG-1094	RS	278-105
<u>ELECTRICAL COMPONENTS</u>			
B1	9 volt battery	RS	23-553
C2	1000 pF B+ feedthrough cap.	NEW	19F2861
C3	.1 uF monolithic cap.	DK	P4525
C4	.1 uF monolithic cap.	DK	P4525
* C5	39 pF disc cap.	MOU	21CB039
D1	1N914 diode	RS	276-1620
D2	1N914 diode	RS	276-1620
L1	4700 uH inductor	MOU	43LH247
L2	2200 uH "	MOU	ME434-1120-223K
§ L3	390 uH "	MOU	43LR394
§ L4	180 uH "	MOU	43LR184
§ L5	82 uH "	MOU	43LS825
§ L6	39 uH "	MOU	43LS395
§ L7	1000 uH "	MOU	43LS103
§ L8	470 uH "	MOU	43LS474
§ L9	82 uH "	MOU	43LS825
§ L10	39 uH "	MOU	43LS395
§ L11	18 uH "	MOU	43LS185
§ L12	8.2 uH "	MOU	43LQ826
* L3	1000 uH "	MOU	43LS103
* L4	470 uH "	MOU	43LS474
* L5	220 uH "	MOU	43LS224
* L6	100 uH "	MOU	43LS104
* L7	47 uH "	MOU	43LS475
* L8	22 uH "	MOU	43LS225
* L9	10 uH "	MOU	43LS105
* L10	4.7 uH "	MOU	43LS476
* L11	2.2 uH "	MOU	43LS226
R2	1K resistor	RS	271-1321
R3	15K "	RS	271-1337
12 § R4	150K "	RS	271-047

KNOBS

-	vernier knob for C1	MOU	45KN100
-	knob for R1	RS	274-415 (pk 2)
-	knob for S1	MOU	45KN013
-	knob for S2	MOU	45KN013

Table 3: small hardware

Note: Mounting hardware is supplied with the following components: C2, J1, J3, J4, R1, S1, S2, S3, chassis box, and (on Mini-MWT-1B) J7. Hardware is required by the following component designators: C1, vernier knob for C1, G1, G2, J2, J5, J6, and M1. All required hardware is listed below:

<u>Description</u>	<u>Vendor</u>	<u>Stock #</u>	<u>Qty.</u>
screw, 4-40 x .25	DK	H142	8
screw, 4-40 x .375	MOU	572-01881	4
screw, 6-32 x .25	DK	H154	2
screw, 6-32 x .375	DK	H156	4
split lockwasher, #4	MOU	572-00649	8
split lockwasher, #6	MOU	572-00650	8
solder lug, #4	MOU	565-1416-4	4
hex nut, 4-40	DK	H216	4
hex nut, 6-32	DK	H220	4
metal spacer, 4-40 x .5	MOU	565-2332	2

Construction outline

Refer to appropriate schematic (Figure 1 or 2), hole list (Table 1), and parts lists in all of the following steps:

1. Gather parts & tools. Mark hole locations on chassis with scribe. Drill holes.
2. Assemble initial hardware for vernier knob: at top-side hole 8 and hole 9 install (at each hole) a 4-40 x .5 spacer outside the chassis box mated to a 4-40 x .25 screw inside the box. Tighten hardware just installed.
3. Tap the two mounting holes on C1 with a 6-32 taper (these are the holes which line up with top-side chassis box holes 5 & 7). If the length of C1's shaft exceeds 0.5", shorten C1 shaft to 7/16" minimum, 1/2" maximum (use a power grinder or a hacksaw and a vise).
4. Mount C1: use a 6-32 x .25 screw and two # 6 split lockwashers at each of the two holes. The lockwashers should reside between the interior chassis box surface and the capacitor's mounting surface. Set C1 shaft to align plates to their half-meshed / half-open position.
5. Get vernier knob. Loosen setscrew; position knob over C1 shaft and knob's mounting holes over the two spacers installed in step 2. Mount vernier knob to spacers: use a 4-40 x .375 screw and a #4 split lockwasher (between screw head & knob) at each of the two mounting locations.
6. Set vernier dial to 50; make sure that C1 is still half-meshed. Tighten knob's setscrew against C1 shaft.
7. Mount J6 battery holder. +/- terminal end of holder should be positioned near the right edge of the right side of the chassis box. Hardware used at each of the two holes: 4-40 x .25 screw, #4 split lockwasher, 4-40 hexnut. (Nut & washer are to be situated inside the chassis box.)
8. Assemble M1 (RFE-A) Front End Card, per MWT-1 article (18 DEC 1985).
9. Mount M1 subassembly to inside of chassis box per hole list. Four 4-40 x .25 screws and four # 4 split lockwashers are required.
10. Mount S1 with hardware supplied.
11. Mount inductors onto S1 according to schematic and Table 4:

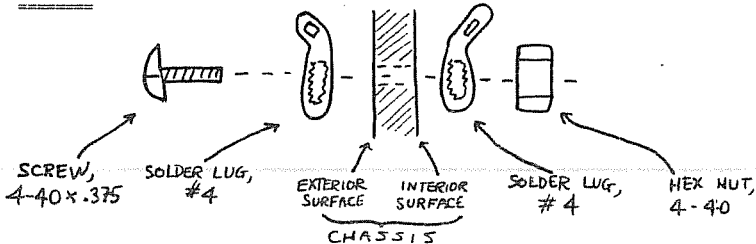
Table 4: S1 Frequency Range Switch Position Guide

Pointer designations are clock hour-hand positions. Frequency ranges are approximate; with most antenna lengths, each range is wider than that listed and there is often considerable range-overlap.

Mini-MWT-1A			Mini-MWT-1B		
Pointer	Coil	kHz	Pointer	Coil	kHz
9:30	(L1/L7)	140 - 180	7:00	(L1)	140 - 180
10:30	(L2/L8)	180 - 300	8:00	(L2)	180 - 300
11:30	(L3/L9)	450 - 620	9:00	(L3)	300 - 420
12:30	(L4/L10)	620 - 900	10:00	(L4)	420 - 610
1:30	(L5/L11)	900 - 1300	11:00	(L5)	610 - 880
2:30	(L6/L12)	1300 - 2000	12:00	(L6)	880 - 1290
			1:00	(L7)	1290 - 1940
			2:00	(L8)	1940 - 2930
			3:00	(L9)	2930 - 4200
			4:00	(L10)	4200 - 6050
			5:00	(L11)	6050 - 9000
			6:00	(J7) EXT. COIL's RANGE	

12. Mount S2 with hardware supplied.
13. Mount S3 with hardware supplied.
14. Mount J2 Motorola jack. Hardware used at each of the two mounting holes: 6-32 x .375 screw, # 6 split lockwasher, 6-32 hexnut. (Washer and nut are to be located inside the chassis box.)
15. Mount G1 and G2 Grounding Hardware assemblies - these each look like Figure 3.

Figure 3: Grounding Hardware assembly detail (exploded view)



16. Mount J1 & J4 BNC jacks and J3 banana jack with hardware supplied.
17. Mount C2 feedthrough capacitor with hardware supplied.
18. Mount J5 Motorola jack in the same manner as done with J2 in step 14.
19. (Mini-MWT-1B only) Mount J7 BNC jack with hardware supplied.
20. Align / install knobs on controls per parts lists & Table 5.

Table 5: Control Orientation Conventions

Ensure that components are mounted and wired in accordance with this table; align knob pointers to clock positions indicated.

Control	Orientation Conventions
C1	plates half meshed = 50 on vernier knob scale
R1	CCW=maximum level (no attenuation)=7:00 CW=minimum level (maximum attenuation)=5:00
S1	set in accordance with Table 4.
S2	short-antenna active = 11:00; off/bypass = centre = 12:00; normal / long-antenna active = 1:00
S3	High Q = up; Low Q = down

21. Wire up unit. Note: Not all necessary connections are listed.

In general, connections should be made with the shortest practical length (allowing for servicing, easy assembly / disassembly) as possible. Insulated hook-up wire is usable for most connections. The schematic (Figure 1 or Figure 2, as applicable) should serve as the guide to wiring.

Twisted pairs or coaxial cables (each of approximately 6" length) must be used as follows:

cable 1

"hot" lead to go from: C4 to: S2C arm
GND lead to go from: G2 internal lug to: G1 internal lug

cable 2

"hot" lead to go from: P7 of M1 to: S2C "short" pin
GND lead to go from: P8 of M1 to: G1 internal lug

22. Inspect & clean up unit; affix labels; test it.

Operating the Mini-MWT-1A & Mini-MWT-1B Tuners

Before operating the tuner, connections must be made. The antenna or other signal source may be connected to J1, J2, or J3. Earth ground may be connected, via clip lead, to the external G1 ground lug. This is advised if local manmade RF noise levels are high and/or if the receiver is not grounded. A 9-volt battery should be connected to J6. The RF-output coaxial cable (to the receiver input) may be connected to J4 or J5.

Off / Bypass Mode (direct feed of antenna to receiver)

The following controls are not used in this mode: C1, S1, S3. Their positions are irrelevant. On the Mini-MWT-1B, R1 is not used in this mode.

Set S2 to centre (off / bypass function). If using a Mini-MWT-1B, the Off / Bypass mode set-up is now completed.

Mini-MWT-1A Operation beyond the above steps

Set R1 initially to fully CCW (the switch on R1 takes this attenuation pot out of the line).

With receiver on desired frequency, check that the wanted signal is of sufficient strength and has no spurious mixing signals or images from strong local stations. If spurs / images are present, adjust R1 until they go away. If the wanted station is now too weak, active tuning should be used.

Active Tuning Modes

Set S1 to desired frequency range in accordance with Table 4.

Set S2 to "short antenna - active" (11:00) if wire antenna length is less than 3 m./ 10'; otherwise, set S2 to "normal / long antenna - active" (1:00).

Set S3 to High Q unless the tuner is being used as an input tuner in a modular phasing system.

Adjust C1 for maximum desired-frequency signal.

If overloading-caused spurious responses QRM the desired signal when C1 is properly peaked and S2 is on the short-wire position, set S3 to "normal / long antenna - active" and re-peak C1. If, after having done that, spurs still exist: adjust R1 to make the spurs go away. Slight re-peaking of C1 may then be necessary.

An Option for Mini-MWT-1B: Extended Frequency Coverage

Frequency coverage of the Mini-MWT-1B may be extended considerably upwards or downwards, if desired, by using different tank coils:

If extended shortwave coverage is desired, try these values (L in uH):
L1 = 1500 L2 = 560 L3 = 220 L4 = 82 L5 = 33 L6 = 12
L7 = 4.7 L8 = 1.8 L9 = 0.68 L10 = 0.27 L11 = 0.1
This should give coverage of approximately 250 - 30000 kHz.

If extended longwave coverage is desired, try these values (L in uH):
L1 = 560000 L2 = 220000 L3 = 82000 L4 = 33000 L5 = 12000 L6 = 4700
L7 = 1800 L8 = 680 L9 = 270 L10 = 100 L11 = 39
This should give coverage of approximately 12 - 2000 kHz.
The inductors used for extended longwave coverage are physically larger than the standard values; a larger chassis box might be required.
It is recommended, as part of the extended-LW-coverage option, that C5 should be increased to 56 pF or 62 pF to permit improved coupling.

APPENDIX --- TWO CORRECTIONS TO THE MWT-1 ARTICLE (ISSUED 18 DEC 1985)

1. Schematic showed both the vernier-tune capacitor and the B+ input feedthrough capacitor as C3. The vernier-tune capacitor is really C2; the feedthrough capacitor is C3.
2. Under "Operation" subheader of "Mode (3) simple active tuning" header: Statement "At that point, use R3 to eliminate" should read "At that point, use R1 to eliminate".

/* end */

Sale of KSCO could end big-band era in Santa Cruz

By Lee Quarnstrom
Mercury News Staff Writer

Come, let's step back in time a bit, maybe a couple of decades, or three or four, back to the days when Santa Cruz was somehow quieter, when there were no hippies or burns, no out-of-town students running things from the voting booth.

Let's go back to a time when Santa Cruz, California, was, perhaps, a more decent town, when couples cut a rug to the tunes of big bands down at the Coconut Grove, when Pacific Avenue was a two-way street lined with haberdashers and druggists and creameries where you could order a Black Cow or a Dusty Road.

Let's go over to Corcoran Lagoon at the edge of Monterey Bay, where a sea green art deco building stands as more than a monument to those wonderful days: it is, really, a time machine with its dial tuned to 1980 and its destination set for 1947.

1947: That was the year Vernon Berlin and his two partners — the McPherson brothers: Mahlon, a physician, and Fred Jr., publisher of the Santa Cruz Sentinel — started broadcasting on AM 1080, radio station KSCO.

Radio Santa Cruz, as the corporation that evolved from that partnership is known, started by broadcasting what Berlin proudly calls "independent local news," contemporary big band music and sounds of the sort that have come to be known as mood music.

It was a good formula in 1947, and it's a good one today. These days, KSCO plays easy-listening tunes and a smattering of swing, cocktail music and old standbys.

Santa Cruz has changed so much in 39 years that KSCO — with its target audience of "25 and up," mostly "and up," seems oddly out of step with a city with a socialist mayor, a major university campus and a reputation for oddball local residents.

Oh, there have been changes at KSCO, lots of them. Berlin has added KSCO-FM, for instance, which has just started beaming its signal into the Santa Clara Valley from the top of Loma Prieta on a frequency of 99.1. And Berlin gradually has updated his electronic equipment, although he still has much of the original KSCO vacuum tube machines stored in the bomb shelter in the basement, backup equipment the station might use to broadcast news in the event of a nuclear attack.

(There is also a tiny bunk room with four cots and a supply of K rations, enough to nourish a skeleton crew of broadcasters beaming out emergency bulletins over the local airwaves.)

If the bombproof studio ever has to be used, it isn't likely that Berlin will be down there. After almost 39 years at the helm, Berlin and his partners are putting the station up for sale.

"All three of us want to get it sold before one of us dies," Berlin, 70, said. He said the partners

and his wife and co-worker Julia to have a comfortable retirement.

He said he will make sure that whoever buys KSCO will continue the commitment to "independent local news." But he said the KSCO format might change. While he doesn't think anyone can make a buck broadcasting either hard rock music or talk shows in Santa Cruz, he said he wouldn't be surprised if new owners want to switch away from songs by the Ray Conniff singers and toward "cowboy music" or something more in tune with the times.

Berlin, who got into the radio game because he operated a radio repair shop and was able to provide the McPhersons with some technical know-how, was born just up the road from Santa Cruz, in Aptos. He is a conservative man, a local political analyst who has not shied away from expressing his views to his generally more liberal colleagues in the county pressroom on election nights.

When a listener phoned the other day to complain about KSCO playing the notorious Ozzy Osbourne song, "Suicide Solution," it was almost laughable. Berlin not only doesn't play songs with "filthy, disgusting lyrics," he doesn't play hard rock at all. He

In the late '40s and early '50s, Berlin never thought about things like dirty lyrics. Back then there was live music aplenty in Santa Cruz, and KSCO broadcast a lot of it.

"On Saturday nights we'd broadcast five live big bands," he said. "First, we'd go out to the Rio del Mar Hotel and broadcast the band out there. Then we'd hurry over to the Casa del Rey, then to the Cocoanut Grove, then up to the Brookdale Lodge and finally to the Colonial Inn."

Those venues of the big band sound are mostly memories. While the Brookdale Lodge still stands, its glory days came to a halt when mud cascaded into the dining room during a storm a few years back. The Rio del Mar Hotel burned, the Casa del Rey is a retirement hotel, the Colonial Inn has gone through a reincarnation as a Mexican restaurant and has just reopened as a stylish bistro, and the Cocoanut Grove still plays host, but only rarely, to remnants of the big bands.

Berlin recalls only one instance in which a performer refused to be aired over KSCO. That was Nat "King" Cole, who reported that he didn't feel the small-town station's broadcasting equipment would do justice to his singing. Well, it didn't do justice to his singing for many years. Berlin told Cole's manager that he was going to get rid of all his Nat Cole records and not play the singer again for 20 years. Berlin admitted that he put Cole back on his play list after the singer's death.

The highlight of Berlin's career came during the December 1955 flood that wiped out much of downtown Santa Cruz. Berlin broadcast from the police department, putting out requests for boats or gasoline for generators or fuel for lanterns. While much of

downtown was washed by water spilling over the banks of the San Lorenzo River, KSCO stayed on the air.

"That," he recalled, "is when the community finally recognized that we were worth something."

During the disastrous storms that brought flooding and fatal mud slides to the county four years ago, KSCO newsman Dick Little, 48, a 19-year-veteran with the station, kept local radios tuned to 1080 AM for disaster updates.

Whoever buys KSCO from Berlin and his partners will get more than the 8,000 records in the library, the state-of-the-art and the antique broadcasting equipment and the sea green studio. The buyer will get a total of 20 acres, much of it under water. Corcoran Lagoon, the coastal estuary adjacent to the station, belongs to Radio Santa Cruz and, in fact, serves an important function for the station.

Berlin explained that the salt water helps beef up the KSCO-AM signal by serving as part of the ground for the system. He said each of the three 320-foot-tall broadcast towers on the property has 120 copper "radials" — wires — extending from its base. The salt water that covers many of those copper wires allows the 10,000 watt station to have more power than many 50,000 watt stations, Berlin said.

KSCO has regular listeners not only throughout the Monterey Bay area, but throughout much of the San Francisco Bay Area as well, he said. And folks over in the San Joaquin Valley often listen to KSCO weather reports before deciding whether to visit their summer homes along the coast. In fact, Berlin said he has received letters from people who have picked up the signal as far away as Guam and Australia.

As for a possible buyer for KSCO, Berlin said he has "lots of lookers," mostly East Coast people "who look outside, and it's snowing, and they say to themselves, 'I think I want to buy a radio station in California.'"

"But I won't sell to anybody who won't maintain service to the community. And a responsible fellow would know that he's going to do that if he wants to make a living here. An intelligent person will maintain the local news."

Berlin said he doesn't know whether new owners would continue programs with tips for local retirees on how to maintain their gardens. He doesn't know whether Dr. Stuart McBirmie's "Voice of Americanism" show will be continued, either. ("I don't buy his garbage," the conservative Berlin said of the right-wing McBirmie, "but he pays good, and he pays regular, and he has a right to be heard.")

In 1948, Berlin flew twice over a huge forest fire above the San Lorenzo Valley, once recording his impressions on a wire recorder for rebroadcast, then broadcasting directly via short wave radio. His station broadcast from the Good-year Blimp and from a hot air balloon. He used to have local fisherman Stago Stagnaro broadcast live fishing reports from the Municipal Wharf. KSCO was the first radio station in California with a musical promotion jingle.

Those were the days!

"I wish," said Vernon Berlin, sitting in the KSCO waiting-room furniture that during his career has progressed from new to art deco collectable, "that I had tape recordings of all of that, of all of those days."

"But," he sighed, "back in those days they didn't even have tape recorders."



Vernon Berlin, standing, with, from left, KSCO employee Pat Henry, band leader Harry Owens and singer Hilo Hattie in 1950

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UNID, SPECIAL, CHANGES, et. al.

- 1340 UNID 1/25 2324-2357 w/FF pgn of EE & FF C&W mx, male host between songs, faded out on hour, but came back w/ pgn of FF rck mx, no ID hrd, very poor to good on E-W beverage, not // to CFCL-620 or CKWV-710, not CBC. WOLF-MB
- 1460 UNID 1/28 1922 SS dialogue by OM noted on top of KSO, WRKR is a daytimer isn't it? NJW-MB
- 1550 WKNF TN OAK RIDGE, this is TN's UNID, ex-WORI. RW-CA
- All da Rest
- 550 KUZZ CA BAKERSFIELD, 2/3 0800 w/C&W, AM 55 KUZZ IDs, ex-970. JCJ-MT
- 570 CKSW SK SWIFT CURRENT, 2/8 1900 w/nx, C&W mx, IDs as "Southwest Radio", no KLUB, good to strong dominating. JCJ-MT
- KVI WA SEATTLE, 2/3 0920 o/KLUB. JCJ-MT
- 660 WNBC NY NEWYORK, 1/27 0107 w/ID u/CFRR, ending nx. DF-SD
- 760 KMTL AR SHERWOOD, 1/25 1737 Gospel mx, several IDs & address, poor-fair w/WJR. WOLF
- 770 WJMV AL ATHENS, 1/25 1812 w/rck mx, ID by OM as "77 WJMV", good-fair. WOLF-MB
- 800 CFOB ON PT. FRANCES, 1/25 1501 poor w/syndicated "Big Country" pgn, no ID on hour, just 4 spots, 2 were for places in Warroad, MN, poor w/a fair amount of CKJS splatter. WOLF-MB
- 810 KAFE NM SANTA FE, 1/24 1700 w/Satellite News Net. & C&W mx, strong, on top. JCJ-MT
- 820 WAIT IL CHICAGO, 2/3 0900 good u/WBAP w/nx, elevator mx. JCJ-MT WOLF-MB
- 830 KBOA MO KENNETT, 1/25 1755 w/pop mx, lcl spot, ID & AF nx on hour, fair w/WCCO.//
- 910 KINA KS SALINA, 12/30 0755 w/ABC mx, lcl spots, ID & lcl nx, fair-good. DF-SD
- 960 KALE WA RITCHLAND, 1/20 0139 w/ID & tlk, fair in much QRM. DF-SD NJW-MB
- 1010 KLRA AR LITTLE ROCK, 1/19 1753 C&W mx, ID on the hour as "10-10 KLRA", poor w/CBR//
- 1020 WCIL IL CARBONDALE, 1/19 1800 w/ID as "radio 10-20", poor w/KDKA. NJW-MB
- 1060 KPAY CA CHICO, 1/27 0159 w/tlk show, ID, u/KYV/KUPK/WNOE/others. DF-SD
- WNOE LA NEW ORLEANS, 1/27 0202 w/C&W mx, ID dominant about half the time on very lively channel. DF-SD
- 1070 KHMO MO HANNIBAL, 1/27 0030 w/C&W mx, ID mostly u/WTSC/KNX. DF-SD
- 1140 WRVA VA RICHMOND, 1/20 0300 u/KSOO, about even w/KRAK, ID, nx (NBC I think). DF-SD
- 1260 KOIT CA SAN FRANCISCO, 2/8 0415 w/light rck, ID as "New KOIT", weak, no fades, no other 1260s. JCJ-MT
- KSNO CO ASPEN, 1/25 0915 strong o/KPOW w/rck oldies. JCJ-MT
- 1280 KRZE NM FARMINGTON, 1/24 1800 weak "KRZE Country". JCJ-MT
- 1290 KCUB AZ TUCSON, 2/8 0300 strong on top, C&W mx, "Kay-Cub" IDs. JCJ-MT
- KTRN TX WICHITA FALLS, 1/31 0620 on top w/Contemp. Christian mx. JCJ-MT
- 1340 KYLT MT MISSOULA, 1/20 0108 w/wx, ment. of Missoula, no ID, fair in CY growl. DF-SD
- 1390 KJFM MO WAYNESVILLE, 1/25 1815 good at s/off, ment. FM 102.3... WOLF-MB
- 1400 KMHL MN MARSHALL, 1/28 2133 ID, H.S. BKE, poor. NJW-MB
- KVOE KS EMPORIA, 1/24 2008 fade in w/lcl nx & wx, 2 IDs after wx, poor o/mess. NJW
- KVOP TX PLAINVIEW, 1/22 2255 w/Texas Net. Nx, ID on hour, also noted at 2329 w/TJO mx & "16 minute music sweep", fair o/noise. NJW-MB
- 1420 KMGO AZ PAYSON, 2/9 0245 briefly on top strong w/C&W, "Community Minded KMGO". JCJ
- 1430 WBEV WI BEAVER DAM, 1/28 1943 lcl spots & ID, fair. NJW-MB
- 1440 KVON CA NAPA, 2/8 2045 w/C&W, ID as "14-40 KVON", strong. JCJ-MT
- KUHL CA SANTA MARIA, 2/8 2010 w/Talknet, ID as Newstalk KUHL" strong. JCJ-MT
- WMIA IL NORMAL, 1/20 0159 ID, C&W mx into AI nx good & on top. DF-SD
- 1460 KRNY NE KEARNEY, 1/20 1745 pop mx, ID, contest promo, poor. NJW-MB
- 1470 WBRV WI WEST BEND, 1/28 1926 pop mx, ID as "Radio 14", into outdoors show, fair o/WHED. NJW-MB
- 1480 WHBC OH CANTON, 1/28 1904 w/commentary & lcl nx, fair, NJW-MB
- 1510 WIAC TN NASHVILLE, 1/20 0100 ID ending rel. pgn u/KDKO. DF-SD
- 1520 WKBW NY BUFFALO, 1/27 0005 ID, rr mx, wx, lcl spot, fair in KOMA null, but still much KOMA. DF-SD
- 1550 KQXI CO ARVADA, 1/22 1900 ID into rel. pgn, good o/KQWB. NJW-MB
- 1560 KFMG CA BAKERSFIELD, 1/20 0031 w/ID u/partially milled KKAA, KCJJ & WPAD. DF-SD
- KWCO OK CHICKASHA, 1/22 1909 w/KWCO/KXXX nx & wx, C&W mx, fair o/KKAA. NJW-MB
- 1570 KTAT OK FREDERICK, 1/22 1832 w/OK Net. nx, s/off ment. 95.9 "KY-95". NJW-MB
- KTER TX TERRELL, 1/22 1840 briefly above KTAT w/s/off. NJW-MB
- 1580 WBBA IL PITTSFIELD, 1/25 1835 way on top w/pop mx, ID & ment. of upcoming BKB broadcast, good. NJW-MB
- 1590 KYOK TX HOUSTON, 1/22 1937 fighting KEND w/soul mx, YL DJ, poor. NJW-MB, 1/27 0300 w/R&B, ID, barely readable in much QRM. DF-SD
- KEND TX LUBBOCK, 1/22 1939 sports tlk show, ID & promo for "Red Raider basketball" on hour, fair w/KVGB & KYOK. NJW-MB
- 1600 KTNS TX PLANO, 1/22 1945 way atop w/"News-Talk 16" IDs & lcl nx. NJW-MB

THAT'S ALL ROLES

DF... David Faulkner 124 Hwy St. Lead, SD 57734
JCJ... John C. Johnson 501 5th St. West Billings, MT 59101-2831
(R-71A, 50' N-S LW)

RW... Robert Wien 1309 Dentwood Dr. San Jose, CA 95119

NJW... Niel Wolfish 31 Southlawn Stroll Winnipeg, MB R3T 5E9

(Superadio, LW)

WOLF... Niel Wolfish at the University of Manitoba DX Club DXpedition to Lewis, MB
(R-70. TCF-2010. E-W & NNW-SSE beverages)

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 3/4, 3/11 (anniv. issue), 3/18, 4/1, 4/15, 4/28, 5/13

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- (ØW) John Wilkins-4385 Hoyt St. #205-Wheat Ridge, CO 80033
R-1000, R-390A, indoor wire, HB antenna tuner, 4' box loop

OF SPECIAL INTEREST:

- 1410 KRFD CA, Marysville 2/10 0908, 1001. Had been tent. w/"K-1000" ID way down in mess w/CFUN-KERN-KCAL-KRML at 0908, but recheck at 1001 w/song by Survivor, clear ID on hour "Good morning, this is K-100, KRFD, Marysville," so definitely simulcasts KRFD-FM w/AM. Call change, ex-KMYC. (RW-CA)
- *****
- 570 KRQY TX, Dallas-Ft. Worth 2/9 0139 rock oldies; 0200 ID as "K-R-Q-X Dallas-Ft. Worth," then Randy Coffey show w/more oldies. X1nt signal w/auroral conditions, but usual KLZ-560 sloop. (ØW-CO)
- 590 KLBJ TX, Austin 2/10 0552 plug for CBS Sports. Fair at best in heavy QRM. (ØW-CO)
- 640 (KFI) CA, Los Angeles MM 2/10 totally off approx. 0357-0500. No domestics noted, but CMBB R. Progreso was in well // 660, and CMNH R. Rebelde was also in // 710. (TRH-CA)
+2/10 0408 totally off. CMQ blasting in. Heavy auroral conditions tonight. (RW-CA)
- 650 KORL HI, Honolulu 2/10 0413 blasting in, totally dominant & virtually unnullable w/Johnny Mathis music. Absolutely no trave of WSM or even CISL! (RW-CA)
- 810 ?KCMO? MO, Kansas City MM 1/27 0515 fair, mixing w/KGO, w/Mutual's "America in the Morning" show. Probably them, but still looking for an ID from this station. (TRH-CA)
- 820 KQIN WA, Burien-Seattle 2/7 1017-1043 poor-fair w/bland music, OM DJ, ads, and occasional bits of news between songs. ID 1020. (TRH)
- 860 KTRB CA, Modesto night signal much poorer since switching to 50/10 U-4 earlier this year. YFMO now is often atop, whereas KTRB's old 1kw used to be in well at night. (DKK-CA)
- 920 KYST TX, Texas City 2/11 0100 ID "AM 92, this is K-Y-S-T Texas City-Houston," then SS pops on the "Mad Max Ortiz" program. Truly bi-lingual, w/DJ switching between Spanish & English in the same sentence. Very good for a while, but lost to QRM. (ØW-CO)
- 930 KRTH CA, Los Angeles 2/10 0400 noted w/end of relig. program, ID "This is RKO's radio station, K-Farth, KRTH Los Angeles," into "Scan." Changed calls MM 2/3 per call. Noted later in morning w/new "Smokin' Oldies" format. (RW-CA)
- 940 KIYZ TX, Amarillo 2/13 0838-0855 poor u/KFRE. C&W music, ID by OM as "KIYZ, the home of real country," New, TX #24. (TRH-CA)
- 950 KAHI CA, Auburn 2/11 2022-2049 poor u/KIMN, XEYJ, XEORF. IDs by OM "K-High" slogan, weather, PSAs, etc. Noted at various times throughout the night mixing w/KIMN. New, CA #158. (TRH-CA)
- KIMN CO, Denver 2/11 only fair sigs, but usually dominating channel in XEGM's absence. Noted w/Accu-weather at 2004. (TRH-CA)
- KNFT NM, Bavard 2/12 0914-0931 fair, mixing w/KMFR w/YEGM still off. C&W mx, OM TCs, ads for furniture store in Demming, other businesses in Lordsburg. ID at 0929. New, NM #14. (TRH-CA)
- KMER WY, Kemmerer 2/11 1954-2000 poor w/s/off by OM. Local (usually NSP) XEGM was OFF from sometime this afternoon through about 1500 2/13. Poor-fair on 500w 2/12 0829-0835. OM IDs, lots of local news & features. Fair sigs later on full day power (5kw), still noted at 1030 recheck. New, WY #5. (TRH-CA)

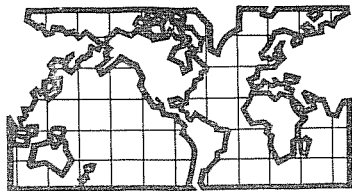
- 960 KAVR CA, Apple Valley 2/12 1525 fair, mixing w/KNEZ w/local XEGM still off. ID/slogan "Apple Valley's first and only all-olddies station is here - KAVR." Not previously noted midday. (TRH-CA)
- 970 KNUU NV, Paradise-Las Vegas 2/12 0325-0333 poor u/KAFY, XEJ. Larry King show w/Bohannon, "K-News Nighttime Report" local news at 0329. New, NV #15. (TRH-CA)
- 980 KFWJ AZ, Lake Havasu City 2/8 faded up for ID at 0852 u/KFWB et al. Not heard in quite some time. 980 resembles a graveyard here around SRS, SSS. (TRH-CA)
- KFWB CA, Los Angeles 2/10 0628 news, ads, PSAs on "The All News Station." Very good, dominant signal. (ØW-CO)
- ?KUPI? ID, Ammon-Idaho Falls 2/5 0920 possibly them w/poor sigs u/KFWB. OM ment. Idaho commodity prices. Would be new here if it were them. (TRH-CA)
- 990 KGTW TX, Wichita Falls 2/10 0730 ID, wx (snow all day long, a big deal down there). Very good w/aurora; two OM DJs chatting past 0800; live ads. (ØW-CO)
- 1000 KKMV CO, Hayden 2/10 1012 this is turning into a big SRS pest. Strong, alone 7 min. after San Jose sunrise. ID as "FM 106, your Colorado Music Express." (RW-CA)
- 1050 KTBA AZ, Tuba City 2/10 1056 well o/XED w/weird Indian chanting, ment of "Navajo." This station gets out quite well! (RW-CA)
- (KOFY) CA, San Mateo 2/3 1724 noted silent (went silent 1/31). James Gabbert of local Ch. 20 fame has purchased KOFY & will bring back station on March 3 w/new English format and up their day-time power to 50kw from previous 1kw. (RW-CA)
- 1080 KSCO CA, Santa Cruz 2/7 1048 poor in KNK-XEPRS sandwich. OM news sponsored by Holiday Inn Santa Cruz and Rancho del Mar Shopping Center. Only 2nd time heard here. (TRH-CA)
- 1180 KTUN TX, Humble 2/10 0819 Geo Benson song, traffic, ads. Very good at tune-in, but faded & finally wiped out by KBCO-1190 s/on. New, TX #74. (ØW-CO)
- 1210 KASY WA, Auburn nice signal 2/9 0301 w/no sign of KRSV's tone. Hope they fixed it. (DKK-CA)
- KLDI WY, Laramie 2/12 0205 poor w/s/off anct. by OM. Ment. studios at 409 S. 4th St. New, WY #6. (TRH-CA)
- 1220 ?KVSA? AR, McGhee 2/10 0750 tent. the one here w/obituaries, ments of nearby towns (Pine Bluff, Monticello, etc). Soon lost & then totally ruined by 0800 s/on of KBN0. (ØW-CO)
- CKDA BC, Victoria MM 1/27 0655-0708 best sigs ever from this one, w/songs, OM IDs into BNV news on the hour, then CKDA news. (TRH)
- 1240 KNRY CA, Monterey 2/10 0617 good w/IDs, oldies songs. (EH-WA)
- CKMK BC, MacKenzie 2/11 0717 good w/"55 CKPG" slogans into rock music. //CKPG-550. (EH-WA)
- 1260 KOIT CA, San Francisco ex-KYLR, back to this call again. Noted 2/7 0121 "The new KOIT, the best listening for light rock." A switch from their former BFL type music. (DKK-CA)
- KPOW WY, Powell 2/7 0201 fair-good mixing w/KGIL, KOIT (ex-KYLR). AI news, s/off anctts by OM into SSB. This is the unID I'd been trying to copy off my car radio all over S. California this month. (TRH-CA)
- 1270 KCOK CA, Tulare-Visalia 2/12 0059 ID "...here on your news, sports, and information center, K-C-O-K 12-70, Tulare-Visalia," 0100 Mutual news, 0105 plug for UCLA basketball broadcast on KCOK, then Larry King. Fair-poor in QRM. New, CA #40. (ØW-CO)
- 1290 KWLS KS, Pratt 2/6 1740 live remote broadcast from the Radio Shack store in Anthony, Kansas. Free electric pencil sharpeners being given away. Fair in QRM. (ØW-CO)
- 1300 KBBJ OK, Tulsa 2/6 1810 rock music, ad for store in Broken Arrow. "K-J 13" slogans. Fair-good o/u QRM. (ØW-CO)
- 1320 KBUG UT, Salt Lake City 2/7 0426 fair in CHQM null w/contest promo, "K-Bug" slogans. (EH-WA)
- 1340 KRAM NV, Las Vegas 2/10 0308 fair w/wx, "K-Ram" slogans into C&W mx. (EH-WA)
- KWWW WA, Wenatchee 2/12 0404 fair w/KW-3" slogans into rr mx. (EH-WA)
- 1360 KREE NM, Ruidoso 2/6 1906 state/local news, sponsored by Bank of Ruidoso. Fair-good o/QRM for a while. (ØW-CO)
- KRKK WY, Rock Springs 2/6 1900 United Stations News, 1906 regional news. Fair-good, but soon lost to QRM. (ØW-CO)
- 1380 KOTE CA, Lancaster 2/7 0931 poor u/semi-local XEKT. OM ID, into weather for the Antelope Valley. New, CA #155. Had been after this one for years. (TRH-CA)

- 1380 KSRV OR, Ontario poor 1/26 0804. C&W mx, OM IDs, into weather for the Snake River Valley area. Not heard since I restarted my totals a few years ago, so call it new, OR #13. (TRH-CA)
- *KRFE* WA, Everett 2/10 0435 noted w/OC. (EH-WA)
- 1400 KRE CA, Berkeley 2/10 0430 good w/talk by OM, IDs, into R&B mx. (EH)
- 1420 KSTN CA, Stockton 2/5 1824 poor-fair w/OM ads for businesses in Lodi. Over presumed KSES. Locals XEXX-1420 & XERCN-1470 OFF again (!), but midday conditions not as good as last time. It amazes me that in the last 3 months, 6 of my 8 Tijuana locals have been off the air in the day & evening! If I could only teach that trick to XEPRS, hi. (TRH-CA)
- 1430 KLO UT, Ogden 2/5 1832 poor, mixing w/KALI w/XEXX off. IDs by OM into sets of MYL-type stuff. New, UT #21. (TRH-CA)
- 1440 KVON CA, Napa 2/9 0922-0930 fair-good w/SS programming. OM w/PSAs, greetings/requests for local vineyard workers, IDs as "KVON, La Voz de la Valle." New, CA #157. (TRH-CA)
- 1450 KFST CA, San Francisco 2/9 0646 briefly w/gospel mx, ID. (EH-WA)
- KVEN CA, Ventura 2/8 0106 fair w/IDs, wx into NBC Talknet. (EH-WA)
- 1470 KSYA AZ, Sierra Vista 2/5 1931 noted briefly in XERCN's absence w/ad for local video rental service. New, AZ #48. (TRH-CA)
- KKFO CA, Coalinga ex-KOLI 2/4 w/"Great KFO Country" ID at 2045 while nicely atop XERCN. C&W mx. S/off would be at 2045 so must stay on with PSSA until 2100. (DKK-CA)
- KUTY CA, Palmdale 2/5 1640 fair w/XERCN off. "Kutie Country 147" IDs. (TRH-CA)
- KDUN OR, Reedsport 2/10 1030& 1050. Barely on top of mess 1030 w/ID "This is K-Dune, KDUN, Reedsport" into unID network mx, buried, came back up beautifully at 1050 w/tail end of local spot, ID "This is K-Dune, with the Music of Your Life," into business report. Per call to KDUN, they went silent in Feb. 1985 (money problems), came back on air for 1st time 11/11/85, but transmitter problems forced them back off air for a few days, officially came back on 11/23. Still 5kw daytime only w/MOR-MYL format. (RW-CA)
- KBCM UT, Tremonton 2/5 1815 fair-good w/no XERCN w/Utah fishing report, IDs as KBCM "TREE-monton." (TRH-CA)
- +2/10 1110 topping the freq. using ID "KBXN-K???" faded out rapidly & replaced by KXOA-XERCN, 1 hour 40 min. after Tremonton LSR. Called stn & found they are still KBCM & haven't changed calls back to KBXN. The ID I heard may have been the DJ simply "pulling a joke" to take the boredom out of his shift. However, I learned KBCM will change calls to KKVU about 2/20 & format to adult contemporary. (RW-CA)
- ?KFKX? TX, Abilene 2/6 poor 0624-0707 w/C&W mx u/KUTY, OM w/garbled ID. AEC news on the hour, followed by Texas news. One slogan did sound like "here on K-Fox." Would be new if I could ID it. (TRH)
- 1480 KYOS CA, Merced 1/26 poor 0655 w/Shawn Boyd weather, OM IDs, adult contemporary mx. Wiped out by by s/on o/XE atation 0707. (TRH)
- KLEO KS, Wichita 1/26 0355-0406 poor u/KWIZ-KPHX. NBC Talknet, net news on hour, local news after that. (TRH-CA)
- 1520 KMPG CA, Hollister 2/9 poor 0900 w/SS programming. OM s/on (EE, then SS), into song, quickly faded u/KTRO. New. (TRH-CA)
- KAMX NM, Albuquerque 2/9 0803-0833 fair u/KOMA-KTRO w/public affairs program. Presumably on 500w PSA. New. (TRH-CA)
- 1530 *KFBK* CA, Sacramento MM 1/27 0546 TT, OM IDs. (TRH-CA)
- KCMN CO, Colorado Springs 2/11 1928-1943 fair u/KFBK. OM w/"Music of the last 4 decades," into KCMN Community Calendar. New. (TRH)
- 1550 KKHI CA, San Francisco MM 1/27 0245 fair o/u KXEX. YL w/public affairs program, ID on hour "You're in tune with the classical music authority, stereo KKHI, San Francisco." New. (TRH-CA)
- KHEJ TX, Canyon 2/5 0841-0856 poor, mixing w/KRGO. Oldies, IDs by OM, soon faded. New. (TRH-CA)
- 1560 KLLV CO, Breen 2/10 1043 thought I had KARP u/KPMC-KIQS looping North, until I heard weak ID after relig. program. (RW-CA)
- 1590 KELP TX, El Paso 2/8 0859-0905 poor u/KOGO. OM IDs, "Helpline" talk-show hosted by OM. New. (TRH-CA)
- 1600 KTNS TX, Plano 2/8 0326 poor-fair w/ID into Ray Briem Show. (TRH-CA)

DX TEST:

- 730 KURL MT, Billings MM 2/10 good sigs during DX test which began at 0206. Various tones, many taped IDs by OM. New, MT #5. (TRH-CA)
- ?KURL?+2/10 0406 susp. w/varying TT's well o/CKLG w/KCBS nulled, also periods of OC but no definite ID heard. (RW-CA)

That's all for this week! ♡



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

PHONE: (503)861-3185 TIME: UTC

PAN-AMERICAN DX ROUNDUP

- 555 t NICARAGUA, Unid 2/9 0540 Latin mx but ferocious sloop from local KLZ-560 prevents any chance for ID. Poss HTC Chinandega; het gone at 0600 which fits listed WRTH s/off time. (ØW-Co)
- 580 MEXICO, Chihuahua, Chih. XEFI 2/10 0711 Nortenas and polkas, ads. "Radio Mexicana" IDs and jingles. F/G o/QRN (ØW-Co)
MEXICO, Piedras Negras XEMU 2/10 1055 Final part of pgm "La Estrella de Piedras Negras" (ranchera mx) VG sig. (ØW-Co)
- 610 MEXICO, ?? 2/9 0505 Mail end of s/off with Mexican NA. Poor o/QRN. Suspect XEBX from loop direction. (ØW-Co)
- 640 CUBA, Havana-Radio Progreso 2/10 0940 Exc. virtually no fading w/KFI off, almost unnullable, Gal going mx pgm, Radio Progreso ID on the hour and chimes. (RW-Ca)
- 655 EL SALVADOR, San Salvador-YSSS-2/9 0700 Latin pop standards, "Radio El Salvador" IDs to 0723 s/off anmt. Freq. announced were 655, 670, and 750, then 4-minute version of NA, the beginning and ending of which sound like the "William Tell Overture" (The Lone Ranger Theme-aka) (ØW-Co)
- 660 t MEXICO, Mexico City-XERPM? 2/9 0605 Several ments. of "Radio Infantil" which fits XERPM, but no mentions of RPM call. However XEB call ment. several times likewise at 0630. Checked 1220, and XEB not running // Whats going on here? (ØW-Co)
- 670 COSTA RICA, San Jose-TIBAS 2/9 0523 Latin American nx, ads for Banco Nacional, Bavaria Beer, etc. "Radio Monumental" f/g o/another SS or two during auroral conditions. New logging TI #6 All-news station per slogan, Todo Noticias todo el tiempo" (All News all the time) (ØW-Co)
- 704 CUBA, location? 2/10 0730 Radio Rebelde outlet here //590 MOR vocals Fair but much sloop of local KNUS-710. (ØW-Co)
- 710 CUBA, Radio Rebelde-2/10 0925 Strong o/KMPC w/KFIA nulled w/ID, March mx (RW-Ca)
- 730 MEXICO, Mexico D.F. XEX 2/8 0452 Reports on how to buy World Cup tickets (Finals to be held in Mexico this year) "Radio Festival" (ØW-Co)
- 850 COLOMBIA, Bogota-HJKC 2/10 1002 Good u/KOA w/several mentions of Bogota heavy AU cx tonight. Absolutely nothing coming in from EC, even WLS was totally nonexistent! (RW-Ca)
- 980 MEXICO, Nueva Rosita, Coah. XENR 2/9 0329 Ad for Emmanuel concert, other ads for Sabinas/N.R. stores, then salsa mx. Huge sig/with auroral conditions. (ØW-Co)
- 990 MEXICO, Mexicali B.C. XECL 2/9 0315 Noted in passing with the three in one slogan; "La Ponerosa" Radio Mexicali "C-L" Large signal (ØW-Co)
- 1000 MEXICO, Los Mochis-Sin. XEMIL 2/9 0229 Mexican pops, frequent canned IDs "Radio Mil Los Mochis, La Estrella de su diversion, XEMIL. transmitiendo desde Los Mochis, Sinaloa en los 1000 khz..." So now there is 6 Radio Mills on 1000 KHZ, 4 in Mexico, 1 in Nicaragua, 1 in C.R. so be carefull of ID! WRTH 86 by the way, has call wrong (Last Min. info on page 378) VG signal, alone of freq. w/auroral cx. New. XE-67 (ØW-Co)
- 1040 COLOMBIA, Barranquilla-H3AI 1/30 0713 M&W in talk, "Caracol" ID F/G with WHO off, but WHO back on at 0723. (ØW-Co)
- 1110 MEXICO, Mexico D.F.-XERED Radio Red 2/9 0339 Romantic ballads, ads. PSAs to 0400 nx Fair to good KFAB not a big factor w/aurora. New. XE68 (ØW-Co)
- 1200 VEHEZUELA, Caracas-YVOZ 2/10 0947 Very strong at one point w/Radio Tiempo" ID KEX-1190 sloop, partial irritating het from KRSV-1210 (RW-Ca)
- 1300 MEXICO, Cd. Juarez-Chih. XEP 2/10 0620 Pop songs ads for stores in various Chihuahua and Texas border towns. "Radio Trece" slogans. Good sig. o/u QRN. (ØW-Co)
- 1470 MEXICO, Tijuana-B.C. XERCH 2/9 0742 w/nortena mx. good signal WRTH 86 finally picked up the call change (ex. XEBBC) after 3 years of listing it incorrecting. At least the list-loggers will get this one right.(ØW)
- 730 COSTA RICA, San Jose-TIHB-2/11 0712 Tropical ballads //4832 SW Fair mixing w/XEX. (ØW-Co)

TRANS-PACIFIC DX ROUNDUP

- 590 HAWAII, Honolulu-KSSK-hrd well over all w/"K-59" IDs, one mention of KSSK, Sports promo. at 0745 on 2/14. (PM-Or)
- 760 HAWAII, Honolulu-KGU-2/10 at 1242 Fair with talkradio (talk about Finance) ID slogans "Talk radio 76" and "First in Hawaii". (JW-Or)
- 900 HAWAII, Kahului-KNUI 2/8 at 1022 Fair with promo for bumper stickers contest for trip to NZ. Also hrd at 1041 w/ID PSA, Maui local ads(JW-Or)
- 1040 HAWAII, Honolulu-KLHT-2/8 at 1054. Weak w/continuous mx. mostly relig. Inst. mx some cont. choral. ID on hour. New. (JW-Or)

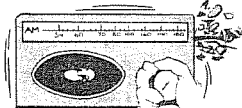
VERIFICATIONS:

- 864 JAPAN, Asahikawa-JOHE HBC received a nice QSL from Sapporo, along with card for 30QF (3KW) in 5 months for taped reports. (PM-Or)

THANKS TO THESE REPORTERS:

- RW-Ca ROBERT WIEN-1309 Dentwood Drive-San Jose, Ca. 95118
GE Superradio, loop
- ØW-Co JOHN WILKINS-4385 Hoyt Street-#205--Wheat Ridge,Co. 80033
R-1000, R-390A, Indoor Wire, MB tuner, 4' box loop
- JW-Or JACK WOODS-Post Office Box 1003-Waldport, Oregon 97394
ICF-2010, Martens Loop
- PM-Or YER EDITOR
SP-600JX, RBO-2 (E.H. Scott)-(1) 700' NNW MiniBev.(2) 1500 E. Bev.
(1) 200' NE/SW Term. wire. Ground system.

**TOP
END**



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.....

February/March 1986... I am combining these columns because there wasn't enough material until now for the Feb. column, and I am going on vacation for awhile and won't be back for the March deadline. On a similar note, the new Top End Yearbook has been put on hold due to a lack of contributors and a lack of interest in the Yearbook itself. It isn't worth my time or money to put out a booklet requested by only a few people. I still have more than 50 from last years run of a hundred. Most were giveaways at the NRC Convention this past Fall.

Loggings:

- 1618 ??? 0615 2/3 VU in cw, poor. (Hall)
- 1613 GUATEMALA Rabinal 0513 1/1 RAB, fair. (Ross)
-same- no time/date RAB in cw. (Rayburn)
- 1630 ??? 0235 12/30 1 pip every 2 secs., good. (Ross)
- 1648 ??? 0455,0459 1/10 KA83343 good. (Healy)
- 1667 ??? 0230 1/9 LSB 2-way in EE, fair. (Ross)
- 1677.9 ??? no time/date LSB 2-way in SS (Rayburn)
- 1685 COLOMBIA Mercaderes 0635 2/3 MER fair-good through storm QRN. (Hall)
-same- no time/date MER in slow cw. (Rayburn)
- 1702.3 ??? no time/date KA84011 (Rayburn)
- 1711.8 ??? no time/date THF in slow cw. (Rayburn)
- 1727 ??? 0228 12/30 continuous pips, very good. (Ross)
- 1750 ??? 0730 2/3, 0725 2/6 Unid SS station. Best tuned in USB. Speech patterns resembled those of a broadcast nature, but didn't seem to be continuous. Was not 2-way activity. Can some other people check this and see what they hear?? (Hall)
- 1783 ??? 0405 12/27 30 pip/minute station, good. (Ross)

Credits:

- Les Rayburn Kittery, ME TS-530S, 135' 1w
- Robert Ross London, ON TS-430S, 120' 1w, 4' box loop
- Jim Hall Pittsburg, PA R-71A, beverages, 35' vertical wire
- Craig Healy Pawtucket, RI R7A, 125' 1w, 25' vertical

My R7A is for sale, just factory recalibrated. All filters in it. That's it for a very short column, in mid-season too!

Please Report!! 'Til later.... Craig, K1KDF

THE INTERNATIONAL RADIO CLUB OF AMERICA

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (530-1700 kHz) year-round. The official publication is "DX Monitor" published twice a year - Winter (December and April) and monthly from May to August. "DX Monitor" contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to radio hobbyists. IRCA is a member of AIARC, the Association of North American Radio Clubs.

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