



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

July 10, 1982

Volume 19, Number 32

Issue Number 619

In This Issue

We've got all sorts of great things in this issue --- DX, technical articles, special features, sports networks, forums, contests and more. Look inside for the following fascinating features:

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Now, on to other things:

First, a flash tip from Jim Hopkins/IRCA and Mike Knitter/NRC: WBTX-1470, Broadway, VA will conduct its annual proof-of-performance testing on Saturday, July 31, from 0000 to 0600 EDT. The test will include test tones, voice IDs, and morse code IDs. Reception reports should be sent to William Fawcett, CE, WBTX, Box 337, Broadway, VA 22815.

Speaking of tests, the newly revived IRCA Courtesy Programs Committee needs people to contact stations to arrange DX programs and/or tests. All you need to do is contact some radio stations (usually by letter) and hopefully find a few willing to agree to run tones or whatever at the proper times. If you'd like more details, write to the chairman, Phil Bytheway, 9722 Mary Avenue N.W., Seattle, WA 98117.

OREGON BROADCAST BAND GUIDE

Frank Aden has just published the first edition of the Oregon Broadcast Band Guide. We've seen a copy and it looks great! The guide is a list by city of the AM stations of Oregon, with information on the owners, officials, formats, networks, addresses, and schedules. Also included are cross reference station lists, new station applications, and a map showing station locations. It is available from Frank Aden Jr., 4514 SE 83rd, Apt 5, Portland, Or 97266. The price is \$2.50, plus 40¢ for postage and handling. Outside of North America, send \$2.50 in US funds plus 3 International Peppy Coupons for air mail delivery.

NEXT BULLETINS

The next issues of DX Monitor will be published August 7 and August 28. Deadlines here will be August 2, and August 23. By next time, we will also have the schedule for all of next season.

ANNOUNCING --- THE IRCA ALMANAC COVER DESIGN CONTEST!

Get your thinking cap on, and design a cover for Volume 3 of the IRCA Almanac to be published this fall. Any IRCA member in good standing (except the judges) may send in any number of original designs or artwork. Entries must be in black ink on white paper, so that they'll reproduce; use any size paper that is taller than wide, such as typing paper, so that it can be reduced to the size of the Almanac cover (same dimensions as DX Monitor). The winner will receive a free copy of the Almanac bearing his cover! Deadline is Oct. 1, 1982. Send entries directly to Bill Hardy, 2301 Pacific Ave., Aberdeen, Wash., 98520. Good luck!

FLASH TIP

Phil Boersma reports WTRU-1600, Muskegon, MI, left the air 7/2 for a couple of weeks. The new owners are installing new studio equipment, transmitter, etc. and will have it back on the air in late July or early August.

★ ★ *New Members* ★ ★

IRCA—Our 17th Year

Editor: Rich Segalas • P.O. Box 26254 • San Francisco, CA 94126

New Members, Membership Renewal, Address Changes—Send to the Above Address

Edward Kusalik, 921 22nd Ave., Coalgdale, Alberta, CANADA TOK 0L0
William Stenberg, D.D.B., 2396 Pine St. #207, San Francisco, CA 94115
William P. Gilbert, 26 Terrill Lane, Kings Park, NY 11754
Elden Meenning, P.O. Box 464, Mt. Vernon, WA 98273
George A. Armanini, 469 Bush St., Mountain View, CA 94041
Anne Schroeder, 1339 Holly Ave., Colton, CA 92324
Bryan P. Sharpe, 3737 E. Castro Valley Blvd., Castro Valley, CA 94546
John Zondle, 1308 SW 74th, #421, Oklahoma City, OK 73159 (rejoin)

ADDRESS CHANGES

Jon Strom, %Sony Corp. of America, 1 Sony Dr., Park Ridge, NJ 07656
Michael S. Hardester, 3103 Don Panche Way, San Ysidro, CA 92073

RENEWALS AS OF 30 JUNE 1982

Bob Padula, Gary Parton, Howard Kemp, Calvin L. Neal, Paul Pellettiere, II,
Greg Montl, Wheeler Cosever, Harry W.E. Weatherley, Mike Todd, Matthew
Shugart, Frank E. Aden, Jr.

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO ME AT THE ABOVE ADDRESS AT LEAST ONE WEEK BEFORE YOUR MEMBERSHIP EXPIRES OR YOUR NEW ADDRESS TAKES EFFECT.

If your label says "LAST ISSUE" on the bottom line your dues should arrive in San Francisco by 29 July 1982 in order to receive DX MONITOR uninterrupted. If not received by then, your label will be pulled from subsequent mailings to Seattle.

The weekend of 13-15 August is convention time. A registration form was included in the last issue of DX MONITOR. If you did not receive that issue you can write to John Clemmer, 4524 7th St. #2303, East Moline, IL 61244 for information. John's deadline is 31 July 1982.

dx contests

The IRCA CONTEST, by Rob Harrington, P.O. Box 3434, Littleton, Colorado, 80161

Hello everyone I am the new contest manager for IRCA.

This fall there will be 2 contests in IRCA.

Here's what kind of contests that I think would be great to have.

The first contest will be a 250w, 500w, 1000w graveyard contest on 1230 khz, 1240 khz, 1340 khz, 1400 khz, 1450khz, 1490 khz, also 1220 daytime,

The 2nd contest will be a 1 KW contest on any frequency, as long as it is a 1 KW station when it is logged. Except 1230, 1240, 1340, 1400, 1450, 1490 and 1220.

Contest period will be (Loggings da'ed) after Sept 15th 1982 thru March 15th 1983, There will be an entry fee of \$2.00 for each contest.

If you decide you want to enter both contests, it will be \$3.75 for both, 25¢ off. Prizes will be for first place only, a one year membership to IRCA.

I'll use the NRC domestic log to check on the loggings in the roundup columns. So let me know if you want to enter the contest.

73s Rob Harrington

P.S. you can only win one contest, if your in first place in both contests at the end of the contests. I'll contact you and give you a choice of which contest you want to win. The other contest the one you didn't choose, who ever is in 2nd place will win the other contest.

ALMANAC REPORT

Are YOU ready to help with IRCA ALMANAC, Volume 3?

by Bill Hardy, Almanac Project Coordinator

Current plans are for Volume 3 of the highly successful IRCA ALMANAC to be published this November.

One reason the first two editions were so popular is because so many IRCA members helped with it. Some helped by sending in information on their nearby stations, and other stations they heard while DXing and travelling. Other people helped by compiling, editing, and typing sections.

If you wish to help with the organizing, compiling, cross-checking, editing, or typing of Volume 3, please drop me a line soon. No prior experience is necessary! You don't need any special skills or even a typewriter, if you have a bit of spare time between now and October. Those of you who are students can even finish your work during vacation time so it won't interfere with your studies.

If you wish to volunteer, just write to me, Bill Hardy, 2301 Pacific Ave., Aberdeen, Wash., 98520. When you write, please specify the types of work you're able to handle (such as typing only, compiling only, both, etc.). Those of you who helped with Volumes 1 or 2 and wish to help again, please write too; we'd love to have you back on the team!

Sending in information: Wherever you live, and wherever you go on your summer vacation, you can do some simple DXing during the daytime and evening hours that will help your fellow DXers.

Even though much of the information in the Almanac comes from official sources such as CBS, NBC, program syndicators, sports teams, etc., there are some key listings, such as slogans, that are based almost 100% on tips sent in by DXers. Here are some things to listen for while DXing and travelling:

- ABC Networks
- AP Radio Network
- Station slogans
- Foreign language broadcasts
- Sports play-by-play
- New CP's on the air

This information may be sent directly to Bill Hardy, 2301 Pacific Ave., Aberdeen, Wash., 98520. Or, if you wish, send the ABC, APR, and CP info to Bill and send the other information directly to these editors:

Slogans: Rich Toebe, 556 Santander Drive, San Ramon, Calif., 94583.

Foreign languages: Andrew J. Rimmington, 559 Clarke Road, Coquitlam, B.C., V3J 3X4 CANADA.

Sports: Dave Yocis, 85 Vesper St., Fairfield, Connecticut, 06430.

Please try to get the bulk of the information to Bill and to these other editors by October 1 if possible, but any late-breaking information can be sent in later, right up to Almanac deadline time.

Please send Bill listings of all APR network affiliates you can hear in your area, plus those noticed while travelling and DXing. (APR is on satellite now, so it isn't the tinny audio of old.) Also please send Bill word on any ABC affiliates not listed in the last Almanac.

New CP's (construction permits) includes any new stations, frequency changes, daytimers going fulltime, power increases, and other changes listed in Greg Monti's "Broadcasting Information" column and the "Broadcasting Updaters" in the first two Almanacs. It does not include call changes, which are usually automatically implemented within 90 days; however, if you know of a call change granted which was not used, please advise Bill.

Foreign language broadcasts is a new Almanac section. It will include U.S. and Canadian stations programming in Spanish, French, and any other languages. Please specify whether a language is used part-time or 100%.

For the slogans list, Rich needs to know which slogans in the last Almanac are still being used, and which should be deleted.

For the sports list, Dave needs special help with college football and basketball, preferably for 1982-83. He also needs any listings which were not included in DXM during the past year.

We look forward to your help with this information, so that our Almanac can better help you in the year ahead! 73 and good DX-----Bill.

THE Quad- Cities

...A welcome
change of
place

The 1982 IRCA Convention

The 1982 IRCA convention will be held in the Quad Cities of Davenport, Iowa, and Rock Island, Moline, and East Moline, Illinois, on August 13, 14, and 15. You're invited to join in the fun and excitement. A separate registration form accompanies this article.

Planned activities include station tours of WHBF AM/FM/TV and WOC AM/TV/KIHK FM. There will also be a DX quiz with prizes as well as the traditional banquet, business meeting, and auction. A softball game and picnic are also on the agenda.

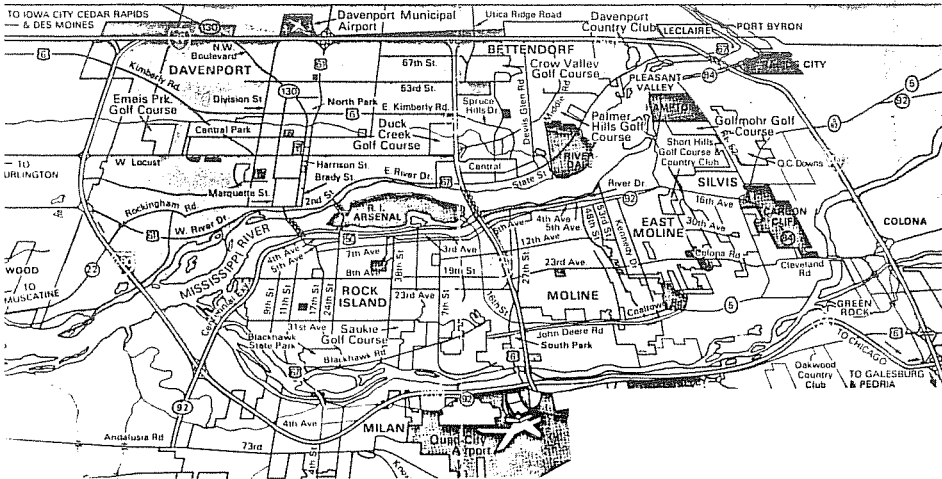
The Holiday Inn at Moline, Il., will be the headquarters for the convention. Facilities include a Holidome and indoor pool. Room reservations for the convention should be made through the convention host, John Clemmer. Rates will be \$30 for a single and \$38 for a double/double plus tax. A hospitality room will be available throughout the week-end with munchies, pop, and beer. All Eastern DXers note - Coors beer will be available! Reservations for rooms should be in by July 31.

Area things to see and do include harness racing at the Quad City Downs with pari-mutual betting and minor league baseball courtesy of the Quad City Cubs. The Mississippi River, Lock and Dam 15, Arsenal Island, Blackhawk State Park, the world Headquarters of John Deere, and the Buffalo Bill Homestead are some of the many near-by attractions. The Amana Colonies, University of Iowa, and Iowa's first state capital are all approximately one hour from the Quad Cities.

The Quad Cities are conveniently situated three hours west of Chicago on I-80. The Moline Holiday Inn is located at exit 5 off I-280 on Airport Rd. From I-280 take the Airport Rd. Exit, go to the first light; turn right and go 2 blocks; the Holiday Inn is on your right.

All auction items should be brought to the convention or mailed to the Chairman. If you have any questions, feel free to drop the convention chairman a line at 4524 7th St., #2303, East Moline, Il. 61244 or phone 309-796-0284. A registration form is included for your convenience. I hope to see you here to join in the fun. All reservations will be acknowledged by the Chairman.

Your convention chairman,
John Clemmer



1982 IRCA Convention Registration Form

Please fill out and return this form to John Clemmer, convention chairman, by July 31.

Name _____
 Address _____
 City, State, Zip _____
 Phone _____

Send to: John Clemmer
 4524 7th St., #2303
 East Moline, Il. 61244
 (309) 796-0684

I plan to arrive the Quad Cities on (date-approx. time) _____

I plan to depart the Quad Cities on _____

Will you need to be picked up at the airport? Give time, date _____

I would like a single _____ double _____ other _____ room.

Room rates are \$30 single/ \$38 double/double plus tax.

I need a room for:

Thursday, Aug. 12 _____ Friday, Aug. 13 _____

Saturday, Aug. 14 _____ Sunday, Aug. 15 _____ other _____

I would like to room with _____

(if no one is named, room-mates will be assigned)

My registration fee of \$17 is enclosed. _____

Fee includes the banquet, cost of hospitality room, and refreshments.

Are you interested in station tours? _____ A softball game? _____

Can you drive to/from the station tours? _____

Will you be bringing articles for the IRCA auction? _____

Please fill out and return to John Clemmer
 by July 31. Questions? Call/Write John

BROADCASTING INFORMATION

Greg Monti
1110 Fidler Lane, #1424
Silver Spring MD 20910

call	kHz	day/night	
WARO	540	250/	Canonsburg PA granted 1000/
appl	610	5000/	Central Point OR application dismissed
WLFF	620	500/	Cayce SC granted 1000/
WMSO	630	500/?	Collierville TN has been reported as being here, rather than 1220 or 640 kHz
WWLS	640	1000/	Norman OK granted Moore OK and 1000/1000
KDLG	670	5000/1000	Dillingham AK granted 5000/5000
WYNR	790	500/	Brunswick GA apparently did <u>not</u> apply for 990 kHz and 5000/2500 as in last month's column, a likely broadcasting magazine error reported by Pete Taylor (tnx!)
KBHB	810	5000/	Sturgis SD wants 25000/
new	830	50000/1000	Tucson AZ granted construction permit
WMAG	850	10000/	Forest MS granted WJYV
WKDW	900	1000/	Staunton VA wants 2500/
KYFR	920	2500/2500	Shenandoah IA granted 5000/2500
appl	940	10000/	Pembroke NC application returned
WIDG	940	5000/	Saint Ignace MI wants WLVM
WWWI	950	500/	Hyde Park NY wants WHVW
KKIC	950	5000/	Boise ID wants Meridian ID & 5000/5000
KSVC	980	5000/	Richfield UT wants 5000/1000
KDYL	990	1000/	Tooele UT granted KTLLE
WCEL	990	5000/	Southern Pines NC wants 10000/
KIQI	1010	50000/5000	Hayward CA granted Sunnyvale CA & 25000/10000
new	1040	250/	Moca PR wants WCXQ
WGTR	1060	25000/2500	Natick MA wants WSTD
WEPP	1080	50000/	Pittsburgh PA granted Hampton Township PA & 1070 kHz and 50000/2500
WWOL	1120	1000/	Buffalo NY wants WNY5
new	1130	1000/	Hilton Head Island SC granted WTGG
KCTE	1140	250/	Southwest City MO granted Grove OK
KAYO	1150	5000/5000	Seattle WA wants KSPL
WSCM	1190	250/	Cobleskill NY granted 1000/
WHHL	1190	1000/	Pine Castle FL wants WREM
KZOO	1210	1000/1000	Honolulu HI wants 5000/5000
new	1230	250/250	Harriman TN granted construction permit
KYJC	1230	1000/250	Medford OR granted 610 kHz & 5000/2500
KESE	1240	1000/250	Monterey CA granted KNRY
KGJM	1240	1000/250	Globe AZ wants KSML
new	1240	1000/250	Cross City FL wants WDKA
WZZI	1250	500/	Madisonville TN granted WRKQ
WPRZ	1250	1000/	Warrenton VA granted 5000/
new	1250	2500/1000	Willits CA wants KLLK
WVOY	1270	5000/5000	Charlevoix MI wants WZNN
WKST	1280	1000/1000	New Castle PA wants 5000/1000
KHUG	1300	5000/	Medford OR granted Phoenix OR & 5000/5000
KVEE	1330	500/	Conway AR wants KTOO
WUNA	1340	250/250	Agua dilla PR granted 1000/250
KWBO	1340	1000/250	Hot Springs AR wants KZNG
WBMS	1350	500/	Black Mountain NC granted WONO
WCWR	1350	1000/1000	Cocoa FL wants WEZY
WDAR	1350	1000/	Darlington SC granted WKGE
new	1400	1000/250	Huntsville TX granted KKNX
WMZK	1400	1000/250	Detroit MI wants QWBH
KXIV	1400	1000/250	Phoenix AZ wants KSUN
new	1400	1000/250	Elmwood Township MI wants WLJN
WRDC	1410	1000/	Cleveland MS wants Boyle MS & 5000/1000
KSYX	1420	1000/	Santa Rosa NM granted 1340 kHz & 1000/250
WIGG	1420	1000/	Wiggins MS wants 5000/
KSOA	1430	500/	Ava MO wants KKOZ
WEZJ	1440	1000/	Williamsburg KY wants 2500/
WMYB	1450	1000/250	Myrtle Beach SC wants WQOK
WBLO	1470	1000/	Evergreen AL wants WEGN
KPUB	1480	1000/	Pueblo CO granted KGMQ
WLOX	1490	1000/250	Biloxi MS wants WBND
WDEN	1500	1000/	Macon GA granted WPTC
new	1500	500/	Sardis MS granted WRDS

WAAH 1520 500/
 KCTT 1530 500/
 KKCS 1530 1000/
 WCCZ 1550 250/
 WWQM 1550 5000/
 WCKG 1550 1000/
 WHII 1570 1000/
 WQPE 1580 1000/
 KZOK 1590 5000/5000
 KUBA 1600 5000/1000

Dahlonega GA wants WDRG
 Yellville AR granted 1000/
 Colorado Springs CO wants KCMN
 New Smyrna Beach FL wants 1000/
 Madison WI wants WHIT
 Braddock PA wants WHYW
 Bay Springs MS wants 5000/
 McGrovis PR wants 2500/
 Seattle WA granted KJET
 Yuba City CA granted 5000/2500

- - from the May 31, June 7, 14, 21 issues of Broadcasting - - - - -

RADIO Stations & formats: WRWA-1340 Reading PA has
 PROGRAMMING switched from top 40 to Music of Your Life...WMSL-1400
 NOTES Decatur AL is oldies now...WAMA-860 Dunedin FL is now

all-Spanish, the first such station in the Bay Area...
 and the rumor -of-the-month club: is WLS-890 Chicago IL about to go
 news/talk?...WNSI-1380 Tampa FL has dropped an 1800-2100 ET sports talk
 show and may switch nets from CBS to ABC/1...There could be a big morning
 drivetime switch in Detroit, with J.P. McCarthy moving from AM drive
 on WJR-760 to news anchor on WJBK-TV and Dick Purtan jumping from CKLW-
800 to go to WJR AM.

Networks: ABC/Superadio, scheduled to start up on 7/1, has been
 postponed indefinitely. So far (mid-June) only six stations had signed
 up for the full-format, satellite-delivered adult contemporary service.
 Has the market for satellite formats already gone "soft"?...Jim Hunter
 is now hosting Saturday "Sports Central USA" programs formerly hosted by
 Len Berman. Win Elliot and Howard David continue to do the remainder of
 the CBS shows...RKO has cancelled its "Country Star Countdown" and
 "Ask the Expert" programs...an update to the recent article on networks:
 Family Radio is now found (with two, simultaneous stereo programs) on
 Satcom 4, using subcarriers of a video transmission.

Sources: Vic Melis, Spring City PA; Neal A. Perdue, Falkville AL;
 Sidney E. Marshall, Millington TN; Ed Mitkus, Tampa FL; Pete Taylor,
 San Francisco CA; Randall Clark, Parkersburg WV; CBS press release;
 various issues of Broadcasting.

A Warning From Congress

Representative Timothy E. Wirth, D-Colo., chairman of a House subcommittee on telecommunications, warned the Administration last week against building the towers without Congressional approval.

Mr. Wirth, in a letter to officials in the State and Defense Departments, said that "clearly, the expenditure of any funds for the construction of facilities for the purpose of making Radio Marti operational without the passage of authorizing legislation would be illegal."

The Herald said that Thomas O. Enders, Assistant Secretary of State for Inter-American Affairs, told Mr. Wirth that the Defense Department was building the transmitting towers for military purposes, not for Radio Marti.

Two of the towers are completed and all construction will be finished by late summer, Commander Neuhart was quoted as saying.

State Department officials denied that anything illegal was involved.

"Administration officials have testified that not one penny of public money will be spent for Radio Marti until Congress authorizes and approves money for it," said Miles R. Rene Frechette, head of the department's Cuban desk.

A department spokesman said that if Radio Marti was not approved the antennas would be put to other use by the Government.

U.S. Is Said to Build Antennas for Radio To Transmit to Cuba

KEY WEST, Fla., June 16 (UPI) — The Navy was quoted today as saying that it had begun building four, 250-foot antennas for Radio Marti, even though Congress had not authorized funds for the station.

The Reagan Administration has said that it plans to use the station to make broadcasts to Cuba similar to those made to Eastern Europe by Radio Free Europe. The proposed station is named after José Martí, the Cuban poet and advocate of independence.

Lieut. Comdr. Mark Neuhart, public affairs officer for United States forces in the Caribbean, reportedly said the antennas were designed for Radio Marti but would not be used until Congress gave its approval.

Commander Neuhart was quoted in an article in The Miami Herald that said the antennas were being built 12 miles north of Key West.

◀ New York Times
 June 16, 1982
 This and similar
 clippings via Karl Zuk
 and Matt Stutterheim.



THE TED VASILOPOULOS AWARD

Have you voted yet? •••• See the June 12 issue for details.

TWO STATIONS IN ONE

by Bill Hardy

In early 1982, the sale of KITN-920 Olympia, Wash., and its subsequent call-letter and format change, brought to an end nearly three decades of owner Don Whitman's radio service to Washington's state capital. But it also wrote the final chapter to the story of KITN's joint operation with co-owned KITI-1420 Centralia-Chehalis for 15 years in the 1960's and 1970's.

Now that KITN has become KQEU and switched to an adult-contemporary music format, this seems like an appropriate time to review the history and mechanics of the KITN-KITI story.

• THE "JOINT OPERATION" CONCEPT

In the more remote regions of the U.S.A., you find "satellite" television stations. No, not the new cable-TV stations you pick up from space with a "satellite dish" antenna. These are regular, over-the-air TV stations which relay nearly the entire broadcast day of a sister TV station in another, larger community. This concept dates back to the 1950's and 1960's.

For instance, in the Tri-Cities area of Washington state (Richland-Pasco-Kennewick), all three commercial TV stations carry the programming of their sister stations in nearby Yakima. The Tri-Cities stations are considered "satellites" of the Yakima stations. Except for some local commercials and maybe a local newscast or two, Tri-Cities viewers get almost 100% duplication of the Yakima TV fare. This means that the owners can use one switching post, in Yakima, to program two stations. This brings local TV to two communities that would barely be able to support a station on their own.

The satellite idea works well for TV stations in sparsely-populated areas like the Rocky Mountains. So why hasn't it caught on in radio? You find simulcasting by some AM-FM combinations in smaller cities, and in Canada there are numerous "twins" that feed two or more cities with the same radio programming for a major portion of the broadcast day. But satellite operation has never really caught on among AM stations in the U.S.A.

Perhaps it's because satellite TV stations can be manned by one FCC-licensed technician (who sometimes is also DJ'ing at an AM or FM station as well), freeing up the usual cameramen, switchers, etc. that drive up TV costs. AM-FM combos can be run by one man if one or both stations are automated. And Canada has much more liberal provisions than the U.S.A. has for unattended transmitters. But in the U.S.A., basically, all AM, FM, and TV stations need to have an FCC-licensed operator on duty during all broadcast hours, and this makes attended automation more feasible than unattended satellite operation.

So the combination radio operation of KITN-920 and KITI-1420 in Washington state may have been quite unique in the U.S.A.

This joint operation began in the early 1960's, and ended in October 1977 after FCC approval of the sale of KITI to separate owners. In December 1977, I had an opportunity to talk to Don Whitman, owner and general manager of KITN-KITI Corporation. He explained the unique set-up and history of KITN-KITI.

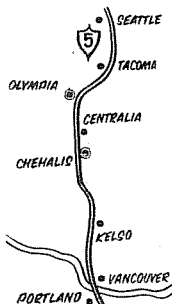
• TWO STATIONS, ONE MUSIC SOURCE

At the outset, Whitman made it clear that KITI was not a "satellite" of KITN, nor were the stations "twins" in the Canadian sense. Each station had its own commercials, PSA's, ID's, and local-community programming, while simulcasting their music, national and regional news, and feature programming.

Both KITN and KITI went on the air in the mid-1950's as 1kw daytimers, each the second radio outlets in their respective markets. KITN-920 was in Olympia, and KITI-1420 was in Centralia-Chehalis some 25 miles away.

Initially, each station had live DJ's with a standard format of music, news, and features. Then, in the early 1960's, Whitman began looking into a new development in broadcast programming: Automation equipment and syndicated music programming.

Whitman wanted a way to bring professional quality to small-market radio. He felt then, and still feels today, that a DJ should be a "showman," but that genuine



personalities were hard to keep in small markets because they tended to move on to higher-paying jobs in larger cities. Whitman felt that syndicated programming, using professional talent not otherwise affordable in smaller markets, would provide a quality air sound to his stations, and that automation equipment would allow the local program elements to be inserted while freeing the studio engineer to work on other duties.

He says that he planned to have similar programming on both KITN and KITI. Rather than have two basically-duplicated systems in each of his cities, he says it made sense to buy one automation system, centrally located in Olympia. "Since the most minutes of each hour were music programming," says Whitman, "the source of that music wasn't important as far as the listener was concerned."

Furthermore, Whitman realized that the bulk of regional news originated right in Olympia, the state capital. "Credibility in news is extremely important," Whitman notes, saying it made more sense to carry the same regional and national newscasts on both stations, rather than have the announcer in Chehalis read the same news from a teletype wire.

So in the early 1960's, KITN and KITI began their "combination operation."

• HOW IT WORKED

These elements were simulcast: Music programming, with professional syndicated announcers; state and national news, plus those local stories which would interest listeners in both markets; sports news, weather reports, stock market news, and a variety of recorded features of interest to both communities. When the stations obtained ABC-Entertainment Network affiliations in the late 1960's (after ABC split into four networks), the network feed came into Olympia and was simulcast.

The following elements were fed separately to each station: Station ID's, promos, program opens and closes (such as "Kitten Radio Digest" and "Kitty Radio Digest"), commercials for each station, local public service announcements (PSA's), and other material peculiar to only one of the stations. Local newscasts were precisely timed to be the same length, and fed separately to each station at the beginning of each 20-minute-long major news block. After the local news, KITN and KITI would simulcast the state and national news, but would have separate commercials and program closes in many cases.

The combination operation required commercials, station breaks, and the like to be exactly the same length on each station, so that when the separate programming ended there would be no delay in resuming joint programming. If one station had sold more advertising than the other on a given day, the other station would run additional PSA's to make the timing come out even.

The mechanics of the joint operation are equally fascinating.

Originally, commercials for KITI were inserted by equipment in Chehalis, triggered by a signal coming down the program line from the combined music system up in Olympia. However, Whitman says they found later that they could maintain better control by bringing all commercial tapes to Olympia and playing them from up there. Commercials for KITI were normally recorded by the local staff at the Chehalis studio, then brought up to Olympia for playback. In a pinch, commercials could be fed by telephone line to the KITN studio, where they could be recorded for playback within minutes, or else could be inserted at Chehalis if an advertiser suddenly requested ten ads that same afternoon.

KITI maintained its own news and sales staffs in Chehalis, as well as recording facilities. Much of the time, the studios were actually unattended.

Since FCC rules required a licensed operator to be on duty during all hours of the broadcast day, KITI used remote control to maintain transmitter watch from 6am to sunset. This freed the news and sales staff from being tied to the studio all day. The original studios were in the St. Helens Hotel in downtown Chehalis, so KITI trained the hotel's desk clerks to operate the remote-control equipment and take meter readings for the logs. (This may have been the only hotel in America where all desk clerks on the day shift had to have a third-class FCC license!) Later, when the studios were moved to the transmitter site between Centralia and Chehalis, KITI moved the remote-control point to the Emergency Dispatch Center across the street. Finally, when technology had advanced to the point where the transmitter could be controlled remotely from 25 miles away, KITI's



remote-control point was moved to the KITN studios in Olympia, allowing one licensed and fully experienced operator to control both stations.

"We had a very sophisticated private telephone system between Chehalis and Olympia," Don Whitman points out. "There was one line for programming, one line for controlling the studio equipment down there, and one line for remote control and telemetry of the KITI transmitter. On a fourth line, when no one was at the KITI studios and their local telephone rang, it would ring up here and we could answer the call at our main office. Whether it was a news story, a sales call, or just a listener asking a question, we wouldn't miss any calls. When someone was at the KITI studios, they could switch the local phone there and use the private line for two-way communication with the KITN studios without having to pay for a long-distance call."

Among the various dignitaries who have visited the state capital and seen Whitman's unique two-station operation was Rosell Hyde, Chairman of the FCC under Presidents Eisenhower and Johnson. "The FCC is always concerned about the licensee maintaining control of the station whenever there's a case of absentee ownership," adds Whitman. "With this joint operation, I was in the main office every day, so I actually had better control than if the KITI programming all originated in Chehalis."

Did any other AM stations in the U.S.A. ever follow KITN-KITI's lead in joint operations? "Not to my knowledge," was Whitman's reply. "Some other station owners explored it, but as far as I know, no similar operations are underway anywhere else. However, the system we originally used to start commercials down the program line in Chehalis is similar to the system the Mutual network is using today to start commercials for automated stations all over its network."

He says there haven't really been any major snafu's in the 15 or so years of joint operation, such as KITN programming going out over KITI or vice-versa. He admits, though, that "sometimes it was like a three-ring circus with lots of things going on at once - feeding one program to KITN, another to KITI, a third program to another out-of-town station, and taping a fourth program for playback at a later time!"

Interestingly, sign-off times for the two daytimers matched up every month of the year, "except December. In December, KITN was required to go off at 4:15pm, while KITI was authorized for a 4:30pm sign-off. We decided to match up the two times and simply close down both at 4:15."

In recent years, the KITN-KITI joint operation studios and offices moved from the Capitol Center Building in Olympia to a new office building $\frac{1}{2}$ mile east of a major shopping mall in nearby Lacey. KITN changed its ID to "Olympia-Lacey" during nondirectional hours (sunrise or 6am, whichever was earlier, till local sunset). KITN received a construction permit to go "unlimited time" with 1kw-D, 500w-N, DA-N, and began fulltime operations in spring of 1977. KITI applied for similar nighttime facilities, and began using them in late 1979.

• GOING THEIR SEPARATE WAYS

Why did the joint KITN-KITI operation come to an end in 1977?

"Somebody made me an offer," explains Don Whitman. "I really wasn't looking for a buyer! But I was busy trying to get KITN on fulltime, and someone approached me with an offer to buy KITI, so I said to myself, 'Why not?'"

On Sept. 6, 1977, the FCC approved the sale of KITI-1420 to new owners. On Oct. 1, 1977, the new owners took over actual control of KITI, but not all of the new studio equipment was ready to go. So Whitman says he helped them out by providing programming down the line for the first four or five days. After that, once KITI started their new popular-music format from their own studios, they had trouble getting their ABC network feed established in Chehalis, so KITN fed it down the phone line from Olympia. But soon, the stations were completely independent of one another.

For some 15 years, motorists traveling Interstate 5 between Seattle and Portland had been able to pick up two 1kw daytimers with nearly identical "easy listening" formats. What they hear today bears little resemblance to the KITN and KITI of the past. KITN has changed call letters to KQEU. Both have changed to adult pop music with local live DJ's. Both have added nighttime operation; KITI has upped day power to 5kw and KQEU is seeking higher day power as well. Both are 24 hours (off after midnight Monday mornings), and KITN (and now KQEU) picked up the Larry King all-night talk show.

It's like the end of an era.

(Very special thanks to KITN-KITI's Don Whitman for his generous assistance. Thanks also to the staffs of KQEU and KITI for their updates.)



READ IT & CRINGE

This is a list of stations the Canadian government is intending to put on the air or allocate as part of the breakdown of the clear channels. It was obtained through the FCC and is believed to be accurate. It is also very disturbing.

I realize we have no clout in Washington or Ottawa, but a note to your legislators might be in order.

--- Craig Healy

(HQ Note: If it's any consolation, some of these allocations might become frequency changes for existing stations; i.e. there's a listing for Victoria, B.C. on 1200, even though Victoria already has a station on 1220.)

PROPOSED CANADIAN ASSIGNMENTS

<u>Frequency(kHz)</u>	<u>Location</u>	<u>Power(kW)</u>	
		<u>Daytime</u>	<u>Nighttime</u>
540	Halifax, NS	10	10
540	Vancouver, BC	50	5
540	Chicoutimi, QU	10	10
640	Cornwall, ON	5	5
640	Saskatoon, SA	10	10
640	Fort Frances, ON	1	1
640	Trail, BC	10	5
640	Thunder Bay, ON	10	10
640	Toronto, ON	25	25
640	Winnipeg, MB	50	10
640	Sudbury, ON	10	2.5
650	Vancouver, BC	50	25
650	Saskatoon, SA	10	10
650	Montreal, QU	10	2.5
650	Gander, NF	10	5
650	Fredricton, NB	10	5
650	Sept Isles, QU	10	10
650	Rouyn, QU	10	1
660	Calgary, AB	50	50
660	Regina, SA	50	10
660	Kamloops, AB	10	1
660	Kenora, ON	1	1
670	Baie Comeau, QU	10	2.5
670	Moose Jaw, SA	10	1
670	Prince George, BC	10	10
690	St. John's, NF	10	2.5
700	Calgary, AB	50	50
700	Corner Brook, NF	10	10
700	St John's, NF	10	1
700	Alma, QU	10	0.5
700	Prince Albert, SA	10	10
700	Kamloops, BC	10	10
720	Charlottetown, PE	10	10
720	Riviere du Loup, QU	10	10
720	Kelowna, BC	10	10
720	Medicine Hat, AB	10	2.5
720	Prince Rupert, BC	10	10

Frequency(kHz)	Location	Power(kW)	
		Daytime	Nighttime
740	Goose Bay, NF	10	1
740	Whitehorse, YU	10	10
740	Ashcroft, BC	10	2.5
750	Lethbridge, AB	10	10
750	Saskatoon, SA	10	10
750	Ottawa, ON	10	2.5
750	Castlegar, BC	10	5
750	Timmins, ON	10	2.5
750	Rimouski, QU	10	5
760	Calgary, AB	50	50
760	Castlegar, BC	20	5
760	Truro, NS	10	1
760	Regina, SA	10	10
760	Abbotsford, BC	10	10
760	Revelstoke, BC	10	10
770	Dryden, ON	1	1
770	Winnipeg, MB	10	10
770	Kitimat, BC	10	1
780	Penticton, BC	10	10
780	Quesnel, BC	10	10
780	Yarmouth, NS	10	2.5
780	Corner Brook, NF	10	10
820	Saskatoon, SA	10	10
820	Hamilton, ON	50	25
820	Calgary, AB	50	50
820	Halifax, NS	50	50
820	Sydney, NS	10	10
820	Drummondville, QU	5	5
820	New Liskeard, ON	10	10
820	Brandon, MB	10	2.5
830	Victoria, BC	10	10
830	Amherst, NS	10	10
830	Brockville, ON	5	1
830	North Battleford, SA	10	1
830	Hazelton, BC	10	10
840	Grand Falls, NB	10	1
840	North Bay, ON	2.5	0.5
840	Weyburn, SA	10	2.5
840	Cardston, AB	10	10
840	Port Alice, BC	10	0.3
840	Grand Prairie, AB	10	10
860	Nelson, BC	1	1
870	Red Deer, AB	50	50
870	Winnipeg, MB	50	10
870	Bathurst, NB	10	10
870	Stephenville, NF	10	10
870	Pembroke, ON	10	5
870	Sault Ste. Marie, ON	10	1
870	Thunder Bay, ON	10	5
870	Quebec, QU	10	10
870	Dawson, YU	10	5
880	Edmonton, AB	50	50
880	Chilliwack, BC	10	10
880	Brandon, MB	10	10
890	Nelson, BC	1	1
890	Williams Lake, BC	10	10
890	Edmundston, NB	5	5
890	Swift Current, SA	10	2.5
890	Penticton, BC	1	1
890	Saskatoon, SA	10	10
890	Mont Joli, QU	1	1
890	St. Albert, AB	10	10

990	Prince Rupert, BC	10	10
990	Niagara Falls, ON	10	3
990	Montreal, QU	50	50
990	St. John's, NF	10	10
990	Ottawa, ON	50	1
990	Saskatoon, SA	10	10
1010	Campbellton, NB	10	0.6
1010	Thunder Bay, ON	10	5
1010	Gander, NF	5	5
1020	Terrace, BC	10	1
1020	New Glasgow, NS	10	5
1020	Kenora, ON	10	2.5
1020	Yorkton, SA	10	10
1030	Edson, AB	10	0.3
1030	Vancouver, BC	50	50
1030	Virden, MB	10	5
1030	Moncton, NB	50	2.5
1030	St. John's, NF	10	10
1030	Fort Frances, ON	10	1
1040	Prince George, BC	10	10
1040	Sackville, NB	10	10
1040	Timmins, ON	10	0.5
1040	Dolbeau, QU	10	5
1040	Montreal, QU	10	2.5
1100	Hope, BC	10	0.3
1100	Winnipeg, MB	10	2.5
1100	Corner Brook, NF	10	0.5
1100	Inuvik, NT	10	1.5
1100	Snaunavon, SA	10	2.5
1100	North Bay, ON	10	10
1120	Fort St. John, BC	10	0.1
1120	Halifax, NS	50	20
1120	Timmins, ON	10	0.5
1120	Sherbrooke, QU	10	2.5
1120	Saskatoon, SA	10	10
1160	Vegreville, AB	10	1
1160	Thunder Bay, ON	10	5
1160	Bale Comeau, QU	10	0.5
1160	Sherbrooke, QU	10	10
1160	Saskatoon, SA	10	10
1180	Edmonton, AB	50	5
1180	Vancouver, BC	50	5
1180	St. John's, NF	10	10
1180	Fort Frances, ON	10	1
1180	Perce, QU	10	0.5
1200	Edmonton, AB	50	50
1200	Victoria, BC	50	50
1200	Winnipeg, MB	25	25
1200	Grand Falls, NB	10	0.25
1200	Halifax, NS	10	10
1200	Brockville, ON	10	10
1200	Ottawa, ON	50	50
1200	Sault Ste. Marie, ON	10	10
1200	Tillsonburg, ON	10	10
1200	Montreal, QU	50	50
1210	Clearwater, MB	10	0.6
1210	Thompson, MB	10	10
1210	St. John's, NF	10	10
1210	Regina, SA	10	10
1580	Edmonton, AB	50	50
1580	Kelowna, BC	10	10
1580	Winnipeg, MB	10	5

Sports Networks

Dave Yocis
190 McDonel
East Lansing MI 48825

1982 Major League Baseball

Symbols used: *-Daytimer. +-AM/FM Simulcast %-Share-time Flagship underlined.

Because of requests received from several members, I'm including them in the future if you'd like. Please let me know your feelings on this subject.

AMERICAN LEAGUE

<u>Baltimore Orioles</u> Chuck Thompson, Bill O'Donnell, Tom Marr				
610 WIOD-FL	1060 WHNI-NC*	1280 WHVR-PA	1400 WFEC-PA	1470 WITR-MD**
800 WSVS-VA**	1070 WIWA-VA	WITX-VA**	1420 WDDY-VA*	1490 WARK-MD
850 WKIX-NC	1230 WJNO-FL	1300 WFBR-MD	1430 WNAV-MD	WAYB-VA
920 WPTX-MD	WBBI-VA+	1320 WBEET-VA**	1440 WKLV-VA**	1500 WTOP-DC
WBBS-NC*	WXCF-VA+	1330 WASA-MD+	1450 WILM-DE	1520 WEXM-VA**
930 WFFD-MD	WFVA-VA+	1340 WJMA-VA+	WTPO-MD+	1590 WEIT-MD
960 WSBY-MD	1240 WCEN-MD	WEPM-WV+	WTHU-MD	WCBC-PA
1000 WRAR-VA*	WSSV-VA	1350 WHWH-NJ	1460 WRAD-VA	1600 WKEN-DE**
1010 WMEV-VA*	1270 WLBK-PA	WOYK-PA		
WCST-WV**		WNIS-VA		
92.7 WABN-VA+	96.7 WJMA-VA+	101.5 WFVA-VA+	106.1 WKGO-VA+	107.1 WPTX-VA+
93.5 WBBC-VA+	97.5 WESM-WV+	101.7 WKWT-VA	106.3 WLCC-VA	107.5 WEXM-VA+
WCST-WV+	99.3 WPLZ-VA+	103.7 WHDG-MD+	106.9 WACS-MD+	107.7 VNCT-NC
94.3 WQRA-VA	100.7 WITR-MD+			

Boston Red Sox No information. Flagship is WITS-1510.

California Angels Bob Starr, Ron Fairly

710 KMPC-CA	1010 KCHJ-CA	1230 KWTC-CA	1240 KSMA-CA	1440 KPRO-CA
940 KNST-AZ	KCMJ-CA	KXO--CA	1340 KFBR-AZ	1450 KTIP-CA
970 KNUU-NV**		KPRL-CA	KDOL-CA+	1490 KDB--CA
			KATY-CA	

97.7 KDOL-CA+ 106.3 KWAQ-AZ

Chicago White Sox No information. Flagship is WMAQ-670.

Cleveland Indians Herb Score, Nev Chandler

900 WFRO-OH**	1100 WMEW-OH	1380 WLRO-OH*	1490 WWRN-PA	1540 WBCO-OH**
960 WWSV-OH**	1240 WBBW-OH+	1400 WMAN-OH	1520 WBNO-OH**	WBTC-OH*
970 WFUN-OH	1340 WNCO-OH+	1450 WLEC-OH	WVOI-OH	1570 WBUZ-NY**
990 WTIQ-OH**	1370 WACB-PA*	WEYZ-PA		1590 VAKR-OH
92.7 WBCO-OH+	95.3 WLKR-OH	100.9 WBNO-OH+	103.1 WWMJ-OH	106.3 WUJM-OH
93.3 WOOD-OH+	95.9 WNPQ-OH	101.3 WNCO-OH+	104.5 WJST-OH+	WPNM-OH
94.3 WYSS-PA+	99.1 WFRO-OH+			107.1 WDOH-OH

Detroit Tigers Ernie Harwell, Paul Caray

580 WTCM-MI	930 WBEK-MI	1230 WCUZ-MI	1340 WMTE-MI	1450 WATZ-MI+
590 WKZO-MI	960 WHAK-MI*	WSCO-MI+	WFPZ-MI	WHTC-MI+
760 WJR--MI	1060 WBBB-MI**	WSTR-MI	1370 WKJF-MI+	WKLA-MI
790 WSGW-MI	1150 WCEN-MI	1240 WCBY-MI+	1400 WCCY-MI	WNBV-MI
850 WKZZ-MI	1220 WBCB-MI**	1280 WPHY-MI**	WSJM-MI	1480 WJOS-MI**
900 WATC-MI*		1320 WDMJ-MI		1490 WMPX-MI
92.7 WMAQ-MI	96.1 WHTC-MI+	101.3 WSUE-MI+	104.9 WFYC-MI+	105.1 WCBY-MI+
92.9 WKJF-MI+	98.3 WOSY-MI	103.9 WKJC-MI+	WELL-MI	105.5 WPMI-MI+
93.5 WATZ-MI+	100.1 WBCB-MI+			

Kansas City Royals Denny Mathews, Fred White

580 WLBW-KS%	1190 KRZJ-KS	1300 KMMO-MO**	1420 KULY-KS	1490 KKAN-KS
610 WIOD-FL	1200 WDAI-TX	1340 KSEK-KS	KBTN-MO	KDMO-MO+
680 KFEG-MO	1220 KOFO-KS**	KGFW-NE	1430 KELI-OK	KDRO-MO
690 KGGF-KS	1230 KINK-NE	1350 KRNT-IA	1440 KCHE-IA**	1510 KANS-KS**
880 KRVN-NE	1240 WINK-FL	1360 KSCJ-IA	1450 KWBW-KS	KOSC-MO**
950 KLIK-MO	KIUL-KS	KOYY-KS**	WMBH-MO	KMAM-MO**
960 KMA--IA	KAKZ-KS	1370 KGNV-KS	KPKO-MO	1540 KILC-KS**
KNEB-NE	KNEM-MO	KIKS-KS**	KLMK-KS	1560 KABI-KS**
980 KMBZ-MO	KFOR-NE	1390 KAMO-AR**	KGFF-OK	1570 KNDY-KS**
1010 KCHL-MO**	1250 KCFI-IA	KNCK-KS**	1460 KKOY-KS**	KJWK-MO**
1060 KIMO-CO**	1260 KGBX-MO	1400 KCOG-IA+	1470 FARE-KS	KTYZ-OK**
1080 KJEL-MO**	1280 KSOK-KS*	KAYS-KS	KCHM-MO*	1580 KTRI-MO**
1130 KYOO-MO**	KDKD-MO**	KIMC-OK		KRIM-MO**
1150 KSAI-KS				1590 KVGB-KS

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92.1 KMGE-MO+	95.3 KCKS-KS+	98.7 KMGO-IA+	102.3 KCHE-IA+	104.9 KRKJ-MO+
93.1 KWLS-KS	KDKD-MO+	99.3 KOYY-KS+	102.9 KMFL-MO+	KOSC-MO+
93.5 KLKC-KS+	KNIM-MO+	KTOL-KS+	103.1 KNDY-KS+	KAWL-NE
	95.7 KKCK-KS	100.3 KXXX-KS+	103.7 KJEL-MO+	105.5 KQSM-KS+
94.3 KAMO-AR+	95.9 KBCT-IA	100.7 KTEE-MO	103.9 KCMH-KS	106.3 KOWI-IA
94.5 KJLL-KS	KAAN-MO	100.9 KCLY-KS	104.3 KCHI-MO+	KYOO-MO+
KRXL-MO	96.7 KANS-KS+	101.1 KELE-MO	104.3 KLMO-CO+	KBEK-MO+
	97.7 KAYQ-MO	101.7 KTND-KS+	104.5 RMYZ-OK+	KBWH-NE
	98.3 KABI-KS+			107.1 KESM-MO

Milwaukee Brewers Bob Uecker, Dwayne Mosley

550 WSAU-WI	1090 WISS-WI+	1260 WWIS-WI*	1400 WATW-WI+	1450 WDLB-WI
570 WMAM-WI	1130 WLSN-WI	WEKZ-WI*+	WUJK-WI	WRCO-WI+
580 WKTY-WI	1230 WTKB-MI	1270 WRJC-WI	WRDB-WI	1490 WTCM-WI+
590 WJMS-MI	WHBY-WI	1310 WIBA-WI	1430 WBEV-WI	1550 WEVR-WI*+
610 WIOD-FL	1240 WJPD-MI	1320 WFHR-WI	1440 WMFL-WI	1580 WITN-WI*+
680 WDCC-MI	WOMT-WI	1330 WHBL-WI	1450 WMIO-MI	1590 WISW-WI
980 WNBW-WI*+	WOBT-WI	1340 WLDY-WI	KFTZ-WI	1600 WNCW-IL*
WPRE-WI*+		1380 WBEL-IL		
91.3 WSSU-WI	93.5 WLH-WI	95.3 WATW-WI+	98.3 WNBI-WI+	100.9 WRCO-WI+
92.1 WRLS-WI	93.7 WEKZ-WI+	95.9 WMMH-WI	99.3 WTCM-WI+	102.3 WISS-WI+
WRJC-WI+	93.9 WDOR-WI	96.3 WJMC-WI	WOWN-WI	105.3 WRLO-WI+
WFNY-WI+	94.1 WITN-WI+	96.7 WVLR-WI	99.9 WJVL-WI	106.3 WEVR-WI+
92.3 WJPD-MI+	94.3 WPRE-WI+	97.1 WCOW-WI	100.1 WDDC-WI	

Minnesota Twins Herb Carneal, Frank Quicili

570 WMAX-SD	1240 KPRM-MN	1340 KVRB-MN	1450 WBUN-MN	1510 KMSD-SD*
610 KDAL-MN	KDLR-ND	1360 KGCX-SD	WELY-MN	1520 KMAV-ND*+
830 WCCO-MN	1250 KBRF-MN	1400 KEYL-ND	KCCA-ND	1560 KRCA-SD
920 KWAD-MN	1260 WRGX-MN	WHLB-MN	1480 KEHG-MN*+	1570 KHND-ND*
1230 KGHS-MN	1300 KGLO-IA	KBJM-SD	1490 KKRA-MN	
KTRF-MN	KOLY-SD*+	1410 KRWB-MN	KOZY-MN	
			WLCX-WI	
95.3 KVLB-MN	98.3 KEMB-IA	101.7 KMAV-ND+	102.3 KLOW-IA	107.1 KEHG-MN+
96.9 KRIT-IA	99.5 KOLY-SD+			

New York Yankees Phil Rizzuto, Frank Messer, Bill White, John Gordon
770 WABC-NY plus net still not available.

Oakland A's No information at the moment. (See bottom of page 19.bp)

Seattle Mariners No information at the moment. I understand that KVI-570 is the new flag.
(see bottom of page 16.bp)

Texas Rangers Mark Holtz, Eric Nadel

710 KGNC-TX	1150 KXLR-AR	1230 KOZA-TX	1340 KTBW-OK	1470 KRBC-TX
820 WBAP-TX	KNED-OK	1240 KOCA-TX	KTEO-TX	1490 KDOK-TX
970 KTAI-IA	1200 WQAI-TX		1370 KFRQ-TX	

Toronto Blue Jays "Hewpex Sports Network" Tom Cheek, Jerry Howarth
1430 CJCE-ON and net, unknown at the moment.

NATIONAL LEAGUE

Atlanta Braves Skip Caray, Ernie Johnson, Pete Van Wieren, Darryl Chaney, John Sterling
750 WSB--GA and net forthcoming

Chicago Cubs Harry Caray, Vince Lloyd, Lou Boudreau

720 WGN--IL	1280 KCOB-IA*	1380 KCII-IA*	1440 WDEM-IL	1510 WINU-IL*
910 WAKO-IL*+	1300 WAAC-IN*	1390 KINT-IA*	WRBA-IL	1540 WBNI-IL*+
1110 WFPM-IN*	1330 WRAM-IL*	1400 WBAT-IN	1460 WKAM-IN	1570 WIFF-IL*+
1170 WLBI-IL*	1370 KDTH-IA		1490 KRAB-IA	
96.7 WCOE-IN	102.3 WRMJ-IL	105.5 WDKB-IN+	106.7 WVVV-IN	107.1 WRNL-IN+
101.7 WJMP-IN	103.1 WAKO-IL+	106.3 WQRX-IL	???? KLEH Anampsa, IA.	

Cincinnati Reds No information. WLW-700 is still flagship.

Houston Astros Haven't had a letter answered by them or their flagship, KENR-1070, in 2 yrs!

Thanks to Ken Onyschuk who sent the Chicago information and to Craig Garrett, who sent along some college info which arrived too late for last issue. Craig's info will be held until next season. Thanks to both these contributors for this issue.

As you may have noticed, we're still missing a number of networks. I hope to be able to track all of them down for next issue, but if any of you can get access to any of them - particularly Houston, NY Mets, and St. Louis - I'd appreciate it. Please send to my HOME address, which is 85 Vesper St., Fairfield CT 06430.

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Los Angeles Dodgers Vin Scully, Jerry Doggett, Ross Porter
 610 KAVL-CA 790 KABC-CA 1230 KIBS-CA 1400 KTUC-AZ 1450 KYOR-CA
 620 KTAR-AZ 920 KVEC-CA 1250 KIMS-CA KONG-CA KPST-CA
 720 KDWV-NV 960 KNEZ-CA 1300 KRDP-CA 1440 KUHL-CA KVEN-CA+
 760 KGU--HI 970 KCHV-CA 1370 KWRM-CA 1490 KGUD-CA
 92.7 KZIQ-CA 100.7 KHAY-CA+ 102.3 KRHS-CA 103.1 KTFI-CA 105.5 KHVE-CA
 95.1 KQLH-CA 101.7 KTOT-CA

Spanish: Jaime Jarrin, Rene Cardenas 1020 KTNQ-CA 93.7 KVIM-CA

Montreal Expos Something got lost in the Canadian mail.

New York Mets Steve Lamar, Bob Murphy
 570 WMCA-NY, as usual won't send net!!

Philadelphia Phillies Harry Callas, Andy Musser, Richie Ashburn, Tim McCarver
 590 WARM-PA 1210 WCAU-PA 1270 WLBR-PA 1400 WEST-PA 1490 WAZL-PA
 850 WEUW-PA 1220 WJUN-PA* 1320 WGET-PA WRAC-PA WLPA-PA
 930 WTHD-DE*+ 1230 WCNC-NJ 1340 WTAN-FL 1420 WCOJ-PA WRCB-PA
 1070 WKOK-PA WCOB-PA 1350 WHWH-NJ 1450 WILN-NJ 1590 WCBG-PA
 1150 WDEL-DE WBPZ-PA 1360 WPPA-PA 1480 WISL-PA
 92.7 WRHY-PA 94.3 WLSR-PA 97.3 WMBV-NJ 104.5 WCCR-PA 104.9 WRDR-NJ
 93.5 WVPD-PA 95.9 WMRP-PA 97.7 WAFL-DE+

Pittsburgh Pirates Lanny Frattane, Jim Rooker
 590 WMBS-PA 1230 WTVV-PA 1340 WAMQ-PA 1470 WGBU-PA
 920 WMMN-WV 1250 WLEM-PA* WCVI-PA WKBI-PA 1490 WTRL-FL
 970 WBLF-PA* 1270 WCBG-MD WTRN-PA WKWK-WV WMOA-OH
 1020 KDKA-PA 1280 WKST-PA 1370 WWCN-PA 1440 WAJR-WV WESB-PA
 1150 WHUN-PA*+ 1310 WBFD-PA*+ 1390 WFMJ-OH 1450 WFRP-PA 1580 WANB-PA*+
 WKLP-WV*+

89.9 WERG-PA 94.3 WIMX-PA 98.1 WFBG-PA 101.7 WCCP-PA 103.1 WANB-PA+
 92.1 WCTX-PA 96.5 WJNL-PA 99.3 WVEN-PA+ 102.1 WOJQ-PA 106.3 WRLR-PA+
 94.1 WKLP-WV+ 97.7 WVSC-PA 100.9 WRAX-PA+ 102.3 WSEG-PA

St. Louis Cardinals As usual, no info. KMOX-1120 is still flag, Ken Onyschuk reports that they are no longer on WMBD-1470.

San Diego Padres Jerry Coleman, Dave Campbell
 760 KFMB-CA No network. Don't know if SS net still alive.

San Francisco Giants Hank Greenwald, David Glass
 680 KNBR-CA 990 KHVH-HI 1320 WFRE-CA 1340 KBET-NV 1360 KFTV-CA
 790 KEKA-CA* 1230 KDAC-CA KNBR tape-delays if conflict w/NBA Warriors

Please note that Chicago Cubs, Minnesota, and Texas simply sent lists of call letters without specifying AM or FM. In these listings, I've assumed that they refer to AM only, and that daytimers listed as carrying all 162 games are AM/FM simulcasts. This is probably not an accurate assumption in all cases, so please take care.

All games are carried live by the flagship stations with the following exceptions: California (KMPC farms out conflicts w/Rams NFL to another LA station), Kansas City (WIBW tape-delays afternoon games Mon-Fri to 1830), NY Mets (WMCA transfers games which conflict w/NHL Islander playoffs to another NYC station), Philadelphia (WCAU transfers conflicts w/NBA '76ers to WPEN-950), and San Francisco (noted above).

Games on network stations are not always broadcast because of individual station policy on some situations, e.g., Sundays, late-night West Coast games, etc. Also note that networks are not 100% stable and that some changes may take place during the course of the season.

Seattle Mariners Network (via phone-call)
 KVI-570-WA KALE-960-WA KWIK-1240-ID KSLM-1390-WA KBKW-1450-WA
 KFSD-580-ID KPUG-1170-WA KIT-1280-WA KEDO-1400-WA KTEL-1490-WA
 KXLY-920-WA KPRQ-1230-UT KWWW-1340-WA KEED-1450-OR KKSJ-910-WA
 FMs: KXLE-FM WA, KSEM-FM-WA, KBKW's sister stn (forgot call, hi)

am/fm

KIXI

CHWK CFVR
 1270 1240

SERVING THE FRASER VALLEY

Radio Center / Seattle, Washington 98101

GY dx R

GRAVEYARD DX RECORDS * ~~1000 kHz~~ * EDITOR: Mark Strickert Box 931 SF CA 94101-0931

	Call City of License	Miles Dixer--where heard from
AL	WMSL Decatur	1963 Allen--Vallejo CA
	WXAL Demopolis	1957 Allen--Vallejo CA
	WFPA Fort Payne	790 Edmunds--Farsippary NJ
	WJLD Fairfield	663 Breger--Austin TX
	WJHO Opelika	2095 Allen--Vallejo CA
AK	KSEW Sitka	1465 Taylor--San Francisco CA
AZ	KXIV Phoenix @	1100 Hall-Patch--Victoria BC
	KTUC Tucson @	1115 Kaskey--Galva IA
	KVOY Yuma	568 Allen--Vallejo CA
AR	KELD El Borado	912 Wheeler--Erie PA
	KCLA Pine Bluff	659 Merrill--Milan MI
CA	KRE Berkeley #	1441 Kaskey--Galva IA
	KRGQ Indio @	1353 Kaskey--Galva IA
	KQMS Redding @	Portzer--Opus WA
	KSILY San Luis Obispo @	836 Bytheway--Seattle WA
	KAAP Santa Paula #	906 Bytheway--Seattle WA
	KTRT Truckee	575 Bytheway--Seattle WA
	KUKI Ukiah	587 Bytheway/Christiansen--Seattle WA
	KONG Visalia	1295 Kaskey--Omaha NE
CO	KRLN Canon City	1030 Nolan--Eugene OR
	KDTA Delta	667 Dabelstein--Omaha NE
	KFTM Fort Morgan	1040 Nolan--Eugene OR
	KBZZ La Junta	1012 Allen--Vallejo CA
CT	WSTC Stamford	130 Kazaross--Pawtucket RI
	WILI Willimantic	536 Seigal--Toledo OH
FL	WFTL Fort Lauderdale	1050 McCormack--West Lafayette IN
	WIRA Fort Pierce	1361 Kaskey--Galva IA
	WNUE Fort Walton Beach	813 Bright--Muscatine IA
	WTRR Sanford	2422 Allen--Vallejo CA
GA	WSGC Elberton	2194 Allen--Vallejo CA
	WNEK Macon	938 Kaskey--Galva IA
	WSGA Savannah	870 Kazaross--Pawtucket RI
ID	KART Jerome	535 Kamp/Wien--San Jose/Remington--Fairfax CA
	KRPL Moscow @	1095 Kaskey--Galva IA
	KIGO Saint Anthony	683 Allen--Vallejo CA
	KSPT Sandpoint	759 Allen--Vallejo CA
IL	WDWS Champaign @	1083 Allen--Vallejo CA
	WGIL Galesburg @	1702 Allen--Vallejo CA
IN	WROZ Evansville	504 Dabelstein--Omaha NE
	WBAT Marion	1869 Portzer--Seattle WA
IA	KCOG Centerville	836 Kemper--Grand Junction CO
	KVPD Fort Dodge	707 Wheeler--Erie PA
KS	KVOE Emporia	1410 Allen--Vallejo CA
	KAYS Hays	1232 Allen--Vallejo CA
KY	WCYN Cynthia	282 Zondlo--Hammond IN
	WIEL Elizabethtown	611 Kaskey--Galva IA
LA	WFPR Hammond	30 Landry--Baton Rouge LA
	KAOK Lake Charles	1734 Allen--Vallejo CA
ME	WRDO Augusta	1332 Dabelstein--Omaha NE
	WMCS Machias	Beauregard--Notre Dame de la Merci QU
MA	WALE Fall River	831 Evans--Gary IN
	WLH Lowell *	260 Edmunds--Farsippary NJ
	WHMP Northhampton	135 Edmunds--Farsippary NJ
MD	WVIN Baltimore	544 McCormack--West Lafayette IN
MI	WENR Battle Creek	305 Bright--Muscatine IA
	WMZK Detroit	2067 Allen--Vallejo CA
	WQXO Munsing	331 Hogan--East Chicago IN
	WSAM Saginaw	766 Markewicz--Winnipeg MB
	WSJM Saint Joseph	236 Bright--Muscatine IA
MN	KEYL Long Prairie	357 Dabelstein--Omaha NE

WDUZ



GREEN BAY BROADCASTING COMPANY
P. O. BOX 36 • GREEN BAY, WISCONSIN 54305

KRBE

RADIO EASTBAY

601 Ashby Avenue
Berkeley, California 94710

MN	KMHL Marshall	600 Merrill--Milan MI
	KEEY Saint Paul &	621 Belanger--Swan River MB
	WHLE Virginia MN	712 Wheeler--Erie PA
MS	WBIP Boone ville	1876 Allen--Vallejo CA
	WMBC Columbus	565 Hogan--East Chicago IN
	WYKC Grenada	768 Wheeler--Erie PA
	WFOR Hattiesburg	892 Wheeler--Erie PA
	WJQS Jackson	776 Kaskey--Galva IA
MO	KFRU Columbia	1634 Taylor--San Francisco CA
	KJCF Festus	406 Merrill--Toledo OH
	KSIM Sikestan @	647 Breger--Austin TX
	KTTZ Springfield	900 Markewicz--Winnipeg MB
MT	KDRG Deer Lodge	649 Belanger--Swan River MB
	KXGN Glendive	1082 Allen--Vallejo CA
	KARR Great Falls @	876 Allen--Vallejo CA
NE	KBRB Ainsworth	1062 Bytheway--Seattle WA
	KCOW Alliance	1048 Allen--Vallejo CA
	KLIN Lincoln	1351 Portzter--Seattle WA
NV	KVEG Henderson (now 1410kHz)	Portzter--Seattle WA
	KWNA Winnamucca	360 Nolan--Eugene OR
NH	WERL Berlin	170 Morby--Ballston Lake NY
	W SL Hanover	270 Edmunds--Parsippany NJ
NJ	WOND Pleasantville	1107 Kaskey--Galva IA
NM	KTRC Santa Fe	1466 Wheeler--Erie PA
	KGNS Truth or Consequences	1460 Wheeler--Erie PA
	KTNM Tucumcari @	1250 Starr/Pooman--Hubbard OH
NY	WABY Albany	531 Merrill--Toledo OH
	WYSL Buffalo	449 Kramer--Chicago IL
	WSLB Ogdensburg	290 Wheeler--Erie PA
NC	WEMA Beaufort	80 Allinson--Wilmington NC
	WKEW Greensboro	440 N Hardy--Fredonia NY
	WLSE Wallace	180 Singer--Richmond VA
	WHCC Waynesville	2165 Allen--Vallejo CA
	WSMY Weldon	463 Breger--Long Island NY
ND	KQDJ Jamestown	414 Dabelstein--Omaha NE
OH	WMAN Mansfield	677 Kaskey--Galva IA
	WPAY Portsmouth	703 Kaskey--Galva IA
OK	KWON Bartlesville	702 Kemper--Grand Junction CO
	KTMC McAlester	1482 Allen--Vallejo CA
	KNOR Norman	530 Kaskey--Galva IA
OR	KNND Cottage Grove	394 Allen--Vallejo CA
	KJDY John Day	330 Hall-Patch--Victoria BC
PA	WEST Easton	69 Mount--Teaneck NJ
	WJET Erie	584 Eddie--Saint Louis MO
	WFEC Harrisburg	552 Evans--East Chicago IN
	WAMQ Loretta	449 Evans--Valparaiso IN
	WKBI Saint Mary's	2302 Allen--Vallejo CA
	WICK Scranton	605 Evans--East Chicago IN
	WRAK Williamsport	521 Evans--Valparaiso IN
SC	WCOS Columbia	2300 Allen--Vallejo CA
	WGTN Georgetown	1088 Kaskey--Galva IA
SD	KBJM Lemmon	391 Markewicz--Camp Morton MB
TN	WJZM Clarksville	607 Kaskey--Galva IA
	WHUB Cookesville	700 Kaskey--Galva IA
	WLSB Copper Hill	394 McCormack--West Lafayette IN
	WKPT Kingsport	2163 Allen--Vallejo CA
	WGAP Marysville	2107 Allen--Vallejo CA
	WHAL Shelbyville	696 Kaskey--Galva IA
TX	KRUN Ballinger @	1310 Allen--Vallejo CA
	KBYG Big Spring	260 Hauser--Van Ormy TX
	KUNO Corpus Christi @	2100 Bytheway/Portzter--Seattle WA
	KILE Galveston	195 Ross--Austin TX
	KGYL Greenville @	1501 Allen--Vallejo CA
	KEBE Jacksonville	295 McFadden--Tulsa OK
	KIUN Pecos @	1510 Bytheway/Portzter--Seattle WA

TX	KEYE Perryton @	1176	Allen--Vallejo CA
	KVOP Plainview @	1434	Portzer--Seattle WA
	KDWT Stamford	1489	Portzer--Seattle WA
	KTEM Temple	842	Kemper--Grand Junction CO
	KTFS Texarkana	953	Wheeler--Erie PA
	KVOU Uvalde @	833	Wheeler--Erie PA
UT	KFTN Provo	998	Markewicz--Camp Morton MB
VT	WDOT Burlington (now 1390kHz)	296	Edmunds--Red Bank NJ
VA	WOCE Portsmouth	320	Mount--Teaneck NJ
	WHLF South Boston	2380	Millar--Bellevue WA
	WINC Winchester	310	Merrill--Toledo OH
WA	KEDO Longview @	640	Wien--San Jose CA
	KRSC Othello	1917	Wheeler--Erie PA
	KTNT Tacoma @	705	Wien--San Jose CA
WV	WROB Ronceverte	2254	Allen--Vallejo CA
	WVRC Spencer	250	Merrill--Milan MI
	WKWK Wheeling	2206	Allen--Vallejo CA
	WBTH Williamson	776	Kaskey--Galva IA
WI	WATW Ashland	1689	Allen--Vallejo CA
	WJJK Eau Claire	600	Wheeler--Erie PA
	WDUZ Green Bay	929	Sorenson--God's Narrows MB
	WRJN Racine	695	Markewicz--Camp Morton MB
	WRDB Reedsburg	335	Merrill--Toledo OH
	WRIG Wausau %	345	McCormack--West Lafayette IN
WY	KATI Casper @	907	Allen--Vallejo CA
	KODI Cody	811	Markewicz--Camp Morton MB
AB	CHOA Stettler		Portzer--Seattle WA
BC	CFLD Burns Lake	520	Portzer--Seattle WA
	CHNL Clearwater	590	Nolan--Eugene OR
	CKGR Golden	630	Nolan--Eugene OR
	CINL Princeton	797	Belanger--Swan River MB
ON	CKCE Collingwood	262	Merrill--Toledo OH
	CKOB Renfrew		Moore--Bellefonte PA
QU	CKFL Lac Megantic	340	Edmunds--Parsippany NJ
	CJFP Riviere du Loup	782	Merrill--Toledo OH
	CKRN Rouyn	270	Beauregard--Notre Dame de la Merci QU
	CKSJ St-Jovite	25	Beauregard--Notre Dame de la Merci QU

NOTES: @ also heard in Kailua HI by Dr Richard Wood % a change is likely
also heard in New Zealand by Banks
* does anyone know if they still run the 2 separate transmitters, in Lowell and Lawrence, both 1400, or was that lommnmng ago?

WANTED: Any records that might beat any shown here, or on any graveyard frequency. Also, besides that, any catches made since 1/1/81 for that special section in the fall. Please send both in now to this editor.

WORD TO THE WISE: Never type a column within a couple of hours after an all-night DXpedition (details in WDXF & WDXR).

GYDXR SPECIAL FILLER*TYPE THING: Just received is a list of Mexican stations carrying Oakland A's baseball en español (courtesy KBRG-105.3 SF, the net flagship)...

580-XEMU Piedras Negras; 620-XECK Durango; 630-XETK Mazatlan; 680-XEORO Guasave; 710-XEBL Culiacan; 920-XEBH Hermosillo; 1010-XELO Chihuahua; 1240-XEBQ Guaymas; 1340-XECW Los Mochis y XESL San Luis Potosi; 1350-XETB Torreón; 1420-XEF Juarez; 1450-XEYZ Aguascalientes y XECB San Luis Rio Colorado; 1460-XEHX Ciudad Obregon. Announcers: Amaury Pi-Gonzalez & Julio Gonzalez. Home games only.

While I'm at it, here's the A's English net, flagshipped by KSFO-560 SF: 580-KMJ Fresno; 620-KWSD MtShasta; 630-KOH Reno NV; 970-KBEE Modesto; 980-KINS Eureka; 1270-KBLG Lakeport; 1340-KORV Oroville; 1380-KQMS Sacto; 1400-KQMS Redding; 1490-KBLF Red Bluff; 10 . -KOCN Monterey. Announcers: Bill King & Lon Simmons.

Summer can be an amazingly good time for GY-DX...try it! 73's til next time.....

DX WW II

EDITED BY
PETER V. TAYLOR
2614 JACKSON STREET
SAN FRANCISCO, CA. 94115

TRANS-PACIFIC

ALASKA - KGNL-620 Homer wants to revert to KGTL. KDLG-670 granted 5kw UI (B'casting)
AUSTRALIA - 4R0-981 Rockhampton now on 990. 6SE-747 Esperance has CP; ID will be "Voice of the South East." 6VA-783/6WB-1071/6BY-900 network as "Rainbow Radio" (ADNXN). 20N-1521 Denilquin now 5kw. 4MK-1026 Mackey now 24h (Y. Ichikawa, FERC)
AUSTRALIA - Huff River BC Authority operates occasionally on 1049.5kHz with 200w. Target audience is Perth. Huff River is purportedly a province as of 12 years ago... (NZDXT)
CHINA - Hegang City PBS-1413 (HL) is a new station. Gannan PBS-1332 (GS) is in CC & Tibetan 2220-0025 (Sun. to 0035), 0355-0530, 1000-1410. Nanchang PBS-1278 (JX) is on 2140-0040 (to 0110 Sun.), 0235-0500 (from 0150 Sun.), and 0845-1400 with EE 2150-2220 (ex-Sat.) and 0850-0920 (ex-Sun.) Wuhai PBS-1873 (HB) is on 2130-0515 and 0730 (0850 Wed.)-1500; PBS2-1053 is on 0350-1430. HB PBS-774 in Wuhai (//1179, 1404) is on 2100-0600, 0850-1525. The Fujian Front station schedules are: P1 1000-2400, and P2 0400-1800. (AB1) Wuhu City PBS-1494 (AH) is on 2120-0430, 0925-1440. Jiangsu PBS PI is on 702/314/1413/1602 2050-2400, 0025-0530 (to 0700 Sun.) and then varying times day by day to 1500; P2-B73 (Nanjing) is on 2100-0030 (ex Sun.), 0055-0500, 0725-7377 (A. Ojo, JDXF). QH PBS in Xining City PI is on 666 from 2140-0100 (to 0630 Sun.), 0355-0630 (ex-Sun.) and 0955-1515; P2 is on 1143 2225-0200, 0425-0715 (to 0600 Tue.) and 1025-1450. The Tibetan service on 1251 is on 2235-0100, 0355-0545, 1030-1440 (K. Nishida, JDXF).
CHONGQING PBS-1314 (SC) is on 2130-0005, 0330-0600, 0800-1520; P2 is not confirmed. Hainan PBS (Haikou, GD) is on 954kHz 2100-0005, 0250-0500, 0900-1500. (Usually listed //118B-PT). HN PBS1 657/828/846/1197/1215/1332/1422/1494 is on 2120-0010, 0340-1515; PBS2 (972kHz) is on 2140-0530, 0855-1500. Nanjing PBS-1278 (JX) is on 2140-0040, 0235-0500, 0845-1400. Shaanxi PBS 693/1008/1517 is on 2130-0630, 0930-1515. Shanxi PBS1 549/819/846/1269/1530 is on 2110-7 and 7-1545; P2 is heard on 1530, which obviously carries PI when P2 is off. Xiangan PBS-1503 (HN) is on 2145-0015; and 7-7. Yunnan PBS1 576/990/1053 is on 2150-0100, 0225-0600, 0855-1600. P2#1 is on 1242kHz; P2#2 is SW; P3 is on 1350kHz. Zhejiang PBS (GD) is on 1134/1287 2130-0000 and 7-7. (JDXF). 540-PI has two XRS .016Hz apart; 639 PI two XRS and maybe more; 702 JSBS two 0.01Hz apart; ZJPBS PI, two .076Hz apart; P1-1599 has XRS on 1358.913, 1359.018, 1359.0, 1360.1; SD PBS-1548 has two .025Hz apart. (Charlie Taylor, Okinawa) Radio Peking domestic pgs. in minority languages: Mongolian 0500-0550 on 1458kHz (Huhhot) and KK 1000-1055 on 1206kHz (Kunming). Shandong PBS 918/1548 is on 2100-0005, 0240-0635, 0845-1530 (= +30 min. Sun.) (BBC). R. Peking External Service: JJ on 719/918/1044 from 0930-1530, 2130-2200; KK on 1018kHz 1100-1500; Tagalog on 1341kHz 1130-1230, 1430-1500; Vietnamese on 1296kHz from 1130-1700; Hindi on 1207kHz 1500-1800 and 1323kHz 1500-1600; and Urdu on 1323kHz 1600-1700. (BBC). In my report in DXM of January 1980 relating to my DXing in Hong Kong and in mainland China, an 846kHz station I observed from Hangzhou was incorrectly identified as from Zhejiang. ZJPBS says it was a Changzhou, JS local - PT. (For some reason, monitoring reflects ITU frequencies whereas the BBC material shows such things as 719, 1207 and 1018kHz. FERC & CAT, help - PT)
HAWAII - KUMU-1500 wants 10kw UI & K200-1210 wants 5kw UI. K1VM-1350 has now requested K1PO (supersedes KKA's request) (B'casting)
INDIA - AIR will continue with "All India Radio" IDs rather than the term "Akashvani" which was reported earlier. A three tier system is being set up -- National Channel, Regional, and (six) locals (BBC)
JAPAN - JOLF-1242 has 1600 s/off (ex-1630). JORF-1422 now 50kw (M. Oikawa, Y. Hayashi, JDXF). The city is Sasebo rather than Sasebi in the last DXWWII (Bozo J. Bonehead, SF). Station call letter IDs are on NHK1 just before the time signal at 2000, 2100, 0300, 1000, and 1300, and just before the HA at 1500 (plus two other unknown times on Sunday); NHK2 does it just before 2030, 2300, 0300, 0720, 1320, and 1500 (S. Maclean, FERC)
KOREA, NORTH (DPR) - Radio Pyongyang has JJ on 783kHz 0400-0550, 0900-1455, 2100-2250. (AB1)
KOREA, SOUTH (KOR) - HLKX-1188 is in KK 2030-0100, 0830-1230; EE 0700-0830; CC 1230-1430; RR 1430-1500. HLAZ-1566 is in KK 2000-2230; EE 2230-2240; CC 1000-1230 & 1345-1500; JJ 1230-1345; and RR 1500-1800. (AB1)
NEW CALEDONIA - "Night Flight" with Johnny Knight, the first EE on this outlet since 1945, is on Sat. 0900-1100 on 666kHz (Arthur Cushen, NZDXT)
NEW ZEALAND - Radio Rhema operates 3XG-1503 Christchurch (2kw) and 2XG-1503 Wellington (5kw). It had a temporary warrant as 1XG-603 (2kw) in Auckland 1980-81 and is trying for a permanent warrant with repeaters in Hamilton, Tauranga, and Whangarei. It is also planning Nelson and Dunedin XRS (NZDXT)
PAKISTAN - Peshawar-540 has 300kw and 1377 has 10kw (OA in ARC)
PHILIPPINES - DYL-A 909 Cuba, the "Voice of Labor," is on 2000-1500 (Y. Kato, JDXF). DZJC-747 noted here (M. Oikawa, JDXF) (Listed on 900 in Laog City - PT). DZRP-918 is 10kw. DZAS-702 is 30kw. MP1-738 and MP1-1278 are still DZFM and DZRM, respectively (Charlie Taylor). "Philippines BC Service" and "National Media Production Center" have merged into the "Office of Media Affairs" and the station name is Maharlika BC System, NES, 80001 Ave., Quezon City, and has been heard on DZFM-738 and DZRP-918 (Y. Ichikawa, FERC)
SAUDI, AMERICAN - WUVU had a few stability problems when it moved down the band from 1120. It started out on 650 on April 12, and gradually got down to 648. ID is "WUVU, great at 6-4-8" (NZDXT)
SINGAPORE - SBC services are now Radio One (EE), Two, Three, Four, and Five (DSWCI via ARC)
TAIWAN - Fu Hsing-1539 in Han is now on 1512, and another outlet on 670, believed to be in Ehr Lin (Charlie Taylor)
USSR - Khabarovsk is on 576kHz 1800-1700 (Moscow P2); 621kHz 2000-1600; 711kHz (1900-1400); and 1152kHz 2000-1400. Komsomolsk-666 now carries Moscow 2nd program only. Primorsk R.-810, Vladivostok R. has RM P&P service 1400-2200. Vladivostok-549 (2030-1930) and -1377 (1930-1530) both carry Moscow P2. Kamchatskoe R., Petropavlovsk, is on 1008kHz. Kazakhskoe R., Alma Ata has local pgs. 1350-1430, 1500-1600-1630, but they seem to be directed toward China. Kirghizskoe R. 882/1431/1467 retrans R. Moscow P2 2000-2030. RM's morning JJ service back on after 20 years on 1251kHz 2200 (Various, JDXF). New P2 outlet on 999kHz, identified as Evreyskoe Radio (Birobidshan). Vladivostok-1377 (P2) now on 1800-1400. Vladivostok-549 P2 is now off (all K. Takasaki, FERC)
SRI LANKA - Testing on 531/648/1485/1602 (WRTH via ARC)

TRANS-ATLANTIC

ALBANIA - Foreign service schedules (half hour unless stated otherwise). 1089; Hung. 2200; Ital. 2230, 1215; Turk. 0200; AA 0330, 1900; S/C: 0500, 1230, 1600, 2000; Ital. 0530, 1130, 1500, 1800; Bulg. 1200, 1530, 1700; Greek 1300, 1630, 1930. 1395; GF 0500, 1800; Pol. 0520, 2130; Czech. 0600, 1900; Rom. 1330, 1430, 1700; RR 1500, 1830; PP 1930-2030; FF 2100, 2230; EE 2200; SS 2300-2400. 1450; Greek 0430, 1430; S/C 1400; Hung. 1730; GG 2030, 2200; Bul. 2100; Ital. 2130; Czech 2230; PP 2300-2400 (BBC).

BELGIUM - BRT-1512 has Dutch 1700-1750, 1800-1815, 1930-2100 ex-Sun., 1945-2145 Sun., 2300-2400; EE 1815-1900 Sun., 2100-2145 ex-Sun.; and SS 1900-1930 Sun. (BBC)

CHAD - France is lending Chad 150 million CFA francs to renovate RNT (ARC)

CZECHOSLOVAKIA - Brno-Komarov, 900kHz, went on 5/12/82 with Radio Prague domestic service. Foreign service schedules (half hour unless stated otherwise). 1287: Pol. 0500-0630/1071, 1300-1400 M-F//1521; RR 1200-1300//1071; GG 1300-1400 Sun./1071, 1700, 1900, 2000, 2100; Ital. 1730, 1930, 2200; FF 1830, 2030; EE 2130. Also, pgm. in CZ/GG/EE/FF 2300-2355.(BBC)

DENMARK - Kalundborg-1062 has EE 0720-0730 (P. Manson, SCDX)

EGYPT, ARAB REPUBLIC OF - "Palestine Service" in AA is now on 0600-0800 on 621kHz and 1200-1500 on 1107kHz. Radio Cairo broadcasts to Israel are from 1000-1200 (Hebrew 1000-1100 & 1145-1200, RR 1100-1115, FF 1115-1130, EE 1130-1145) and 1500-1800 (Hebrew). Sometimes the 1000-1200 program is only on from 1100-1200. Egypt remains on GMT+2 despite earlier announcements of DST starting on June 1 (BBC).

FINLAND - EE is on 558/963 1950-2000 (WRTH via ARC). However, BBC says EE is on these freqs. Mon. 1930-50; Tu.-Wed.-Thu. 1930-40; and Fri.-Sat.-Sun. 1930-2000. Swedish is on Wed. 1940-2000

FRANCE - RFI carries Polish on 1377kHz (Lille) 1700-1730 M-F; GG on 1278kHz (Strasbourg) 1700-1800; and SS on 945kHz (Toulouse) 2100-2200 (BBC)

GREENLAND - AFRTS 1430 will most likely be turned off in the latter part of 1982 in deference to FM (Letter from station to Brian Vernon)

IRAN - VIRI Busehr-1300 has AA Thu. & Mon. at 0300. Bandar 'Abbas-1566 100kw, has VIRI domestic service in Persian 0200-1530, and AA 1530-2030. The 10kw 620kHz outlet carries VIRI/local pgms. No mention of the listed 1125kHz outlet (BBC). VIRI-1555, listed 1551, is AA and anti-Iraq (S. Hasegawa, FERC)

ISRAEL - 738kHz has RR 0300-0350 & 1900-1955; EE 0500-0515; and FF 0515-0530 & 1230-1300 (BBC). R. Netherlands reports that the "Voice of Peace"-1539 couldn't get a license and is back at sea for six months (SCDX)

JORDAN - Radio Jordan, Amman, is AA on 801kHz--2000kw 1530-2330 and 200kw 0330-1530; EE on 855kHz with 10kw from 0500-2000. Aqaba-1485 is AA 0330-2300 (Radio Jordan schedule from Brian Vernon)

LEBANON - The evangelical station "Voice of Hope" in Marj 'Uyun is now on 1593 as well as 945kHz. Voice of Lebanon has moved from 869.5 to 872 (BBC)

LUXEMBOURG - Summer schedule: EE 1800-0200 (WRTH via ARC)

NIGERIA - FRCN will commence 24 hour operation (BBC). FRC-827 Enugu is on 0430-2305 (SCDX)

NORWAY - The new Kvitoyr Xr on 1314 tests after 2310; reports are appreciated (SCDX)

POLAND - There are at least two 720-kHz XRs here to block RFE's Polish service when Poland's P2 service closes down at 2200. The "northern" one in the direction of Lodz/Warsaw switches to non-stop music (possibly P3) until 2300 s/off; the "southern" one, in the direction of Katowice, switches to P1 to 2400 s/off. Second Pgm. is on 2007/758/819/1206/1305/1368/1395/1485/1548/1548/1602 from 0427-2300(0527-2300 Sun.). A later schedule says 0300-2200 (Sun. 0500-2200) (BBC).

SOUTH AFRICA - Capital Radio's 500kw XR on 603kHz has been taken out of service due to high electricity costs. The 50kw XR is on 0300-2300 (WRTH via ARC)

TANZANIA/ZANZIBAR - There are plans to replace the aging MW outlet, which doesn't cover the area, with a 50kw XR (BBC). (Presumably 585kHz-PT)

TURKEY - A National Communications Control Organization has been set up to "issue and follow up on permissions (sic) for private radio and TV broadcasting stations, as well as PTP communication" (SCDX via ARC). However, BBCMS 5/20 says that no private stations will be allowed...

USSR - Radio Dushanbe-1143 is in Darl for Afghanistan 0200-0300, 1230-1300, 1400-1500, 1800-1830, and Persian 1530-1600, 1730-1800. Radio Kiev-1548 is in Moldavia 1900-1950. Radio Riga-576 is in Swedish 0700-0730, 1920-1960, and on 576/1350 0200-2100. Radio Tallinn-1035 is in Finnish 0700-0800, 0815-0900, and 1500-1530 Mon.-Sat.; in Swedish 0800-0830 Mon.-Sat. and 2005-2035 Mon.-Sun.; in Estonian 2035-2100; and in Finnish, Swedish and Estonian 0900-1000 Mon.-Sat. Radio Vilnius-666/1107/1557 has EE 2130-2200. Vladivostok's "Pacific Ocean Radio Station" is on 810 in RR 1215-1300. Radio Yerevan is in Armenian 1800-1830, 1900-2100. 4th Programme is on 1125 & 1359kHz 0500-2000 (Sa/Su) and 1200-2000 M-F (BBC)

YUGOSLAVIA - New MW outlet commissioned near Capljina 5/15/82, providing part of Hercegovina & central Dalmatian Islands with better R. Sarajevo P1 & P2 service (no freq. specified) (BBC)

ZIMBABWE/SOUTH AFRICA - The Zimbabwean Minister of State claims South Africa would soon operate "The Voice of Zimbabwe," a propaganda outlet north of Pretoria, designed to "destabilize the socio-economic and political fabric of our society and country." (BBC). Salisbury is now Harare, as of 4/18/82 (ARC)

PAN AMERICAN

ARGENTINA - LRA30-590 R. Natl. San Carlos de Bariloche is ex-LUB R. Bariloche. LRA28-620 R. Natl. de la Rioja is ex-LV14 R. Joaquin V. Gonzalez. LU23-730 R. Lago Argentina is ex-Em. Lago Argentino. LRA27-730 R. Natl. de Catamarca is ex-LW7 R. Catamarca. LRA29-900 R. Natl. de San Luis is ex-LV13 R. Granaderos Puntarenas. LRA26-1830 R. Natl. de Resistencia is ex-LT5 R. Chaco. LT13-1470 R. Obera now 5kw (ARC). New station as of 4/1 is LRA59-720, 1kw, R. Nacional, Gobernador Gregores, Santa Cruz province (SCDX)

BELIZE - "Radio Noticias del Continente," originating politically oriented programs from Costa Rica, will transmit from here (RCDI). (SCDX says it will be on SW, but this is not confirmed - PT)

BOLIVIA - The Government has ordered stations owned by miners (closed down after the 7/17/80 coup) to resume operation (BBC)

BRAZIL - ZYK693-560 R. Tupi is 25/10kw. ZY537-1040 has 200kw. (WRTH via ARC)

COSTA RICA - Radio Reloj has finally switched from 700 to 730kHz (BBC). R. Nacional de Costa Rica is now on 590 (M. Cespades, SCDX)

CUBA - Since DST May 9, the Voice of Cuba in SS has been heard from 0400-0900 on 1160kHz, and from 0400-0925 on 630/650/690/720. Still no EE equivalent observed (BBC). New-750, 7/690, noted in NZ (NZDXT)

DOMINICAN REPUBLIC - Well known DXer Richard Clark is constructing AM & FM facilities in Puerto Plata, "Radio Rancheria-HIQB"; frequencies not specified. Radio Central-1040, Santo Domingo, began 24 hour operation on March 1. A new station is R. Diamante-920. A "Radio Disco" operates on 1480. There is a DX program in SS on Radio Accion-610 Sundays 9-9:30am (1300-1330 GMT) and it is put together by our namesake, "Radio Club DX Internacional," which publishes "Monitor DX" (source of all this D.R. Info-PT)

ECUADOR - HC..2-1580 R. Guayaquil is located at Duran; 2kw (HAM, ARC)

GUATEMALA - TGMU-1330 5kw has EE 0300-0500 (A.Cushen, NZDX)

JAMAICA - VOA is planning a relay here or in the Cayman Is. (RCDI)

PUERTO RICO - WFBA-1460 wants WLRP. New station in Moca, 1040kHz, 250w days, wants WCXQ. Hearing taking place for competitive 1410kHz applications in Aguado and San Sebastian, and on 880kHz in Sabana Grande & Yauco. WGEF-1580 granted 1kw-D, 2.5kw-N, U3. WUNA-1340 granted 1000/250 U1 (B'casting)

VENEZUELA - La Voz de Venezuela is planning a 1000kw station on 1240kHz in Punta Tumatey, Estado Falcon, designed to cover Venezuela days and the Caribbean nights. Some EE pgms. planned. It will have a two tower DA (LA DX Argentina via NZDX; NRC)

Information Sources: ADXN - Australian DX News (thanks for the monthly bumper sticker!); WRTH - World Radio & TV Handbook; ARC - Arctic Radio Club; BBC - BBC Monitoring Service (copyrighted); NZDX - NZ DX Times; RCDI - Radio Club DX International (Dominican Republic); Broadcasting Magazine; Charlie Taylor, Okinawa; Brian Vernon, Elva, YT; ABI - Asian Broadcasting Institute (which has discontinued its monthly EE summaries and is being replaced by JDXF - Japanese DX News File; ADXN - Australian DX News.

In the Correspondent's Corner, Les Wright of Queensburgh, Natal, South Africa, writes that his locals are Capital Radio Transkei-603 (still announces 604), VOA Botswana-621, Channel 702 Bophuthatswana, SABC Radio 5 Durban-800 (8017-PT), TransWorld Radio-1152, and Swazi Music Radio/Radio Truro, etc.-1377. The South Africa DX Club sent a copy of their publication, which contains very little MW news. Those of you who read my report on Cape Town (1979) DXing may recall that reception to the west and north was exceptional, whereas stations from the east (India, etc.) simply were not heard there. Perhaps some of them are heard from inland S.A. Milnerton (Cape Town) DXer Dave Gordon has been editor of the SADX 21

Shortwave Listener for 10 years but has turned it over to someone else. In the April 30 issue, reception is noted of BRZIT 810/1100/1220/1280; Venezuela-830; Lux-1440; Capital Radio London-1548; DW Malta-1557; Anguilla-1610, WTOF and WITS.

I have had some clarification on BBC matters from the source. On 648kHz, Orfordness is 50kw and Crowborough 500kw (WRTH is wrong). They are not synchronized, but operate alternately. "It is our intention to close Crowborough and rely on Orfordness, which is on the coast, for all transmissions. Unfortunately, we cannot get frequency clearance to operate Orfordness at night" due to objections from other European broadcasters." On 810kHz, Crowborough is used during some daylight hours for European service. It is off at night, when it would interfere with Radio Scotland service. "Torquay" is a town in the Torbay area of Devon. "Following reorganization in 1974, a number of towns, including Torquay, were combined into Torbay." Thanks to Mr. C. L. Hope of the Engineering Information Department, who along with the above, sent a 1982 BBC Handbook and a picture of the Crystal Palace FM/TV tower. (Those of you who are relying on pre-77 maps of England are in trouble, as there was quite a bit of county border shifting then - PT.)

Geoff Halligey of N. Humberside, England, primarily a long wave DXer, was able to identify some of the MW beacons I heard when Kristine and I were in Europe in 1980. He says many are identifiable E. German or Russian at small airfields or military installations. He also noted that when the Russian/Polish crisis was at its peak, there was a sudden upsurge in the number of beacons on MW, but that they all disappeared after a couple of days...He also cites several sources of (LW) beacon information.

Sorry about missing last month, and hope this comes out readably. This should give you something to digest over the summer! If not, here are a few more things:

RUSSIAN FAR EAST FOREIGN SERVICE:				RUSSIAN FOREIGN LANGUAGE EUROPEAN SERVICE			
00-01	SC	1476 1251	648 585	00-02	WS	1323 1143	
01-02	SC	1476 1251	585	02-03	WS	1323	
02-03	SCP	1476 1251	648 585	0350-0530	POL	1143	
03-04	SC	1251 648	585	13-15	POL	1143	
04-05	SCP	1476 1251	648 585	19-1530	ROM	1548	
05-09	SC	1476 1251	648 585	1530-16	POL	1143	
09-0930	SC	648 585			ROM	1548	
	KK	1476			FIN	1494	
0930-10	SC	648 585			BUL	1431	
	JJ	1251 720	630		AA	1314 972	
	KK	1476			TURK	1170	
10-1030	SC	648 585			POL	1143	
	JJ	1251 720	630	16-1630	FIN	1494	
	KK	1476			BUL	1431	
	M	1170 1080	801		AA	1314 972	
1030-11	JJ	1251 720	630		POL	1143	
	KK	1476		1630-17	YIDP	1170	
	M	1170 1080	801		GK	1431	
11-1130	SCP	1170 1080	801 648 585		AA	1314	
	KK	1476			TURK	972	
1130-12	SC	648 585		17-1730	POL	1143	
	JJ	1251 720	630		ROM	1548	
	KK	1476			ALB	1431	
	MP	1170 1080	801		AA	1314	
12-1230	SC	1476 648 585			TURK	972	
	JJ	1251 720	630		POL	1143	
	KK	1476		1730-18	ROM	1548	
	M	1170 1080	801		POL	1143	
1230-1245	SC	1476 1368 648 585			ALB	1431	
	JJ	1251 720	630		AA	1314 972	
	M	1170 1080	801		GK	1170	
1245-13	SC	1476 1368 648 585			POL	1143	
	JJ	1251 720	630	18-1830	ROM	1548	
	MP	1170 1080	801		GK	1431	
13-1330	SC	1476 1368 648 585			AA	1314 972	
	WS	1251 720	630		POL	1143	
1330-14	SC	1368 648 585			SWED	1494	
	KK	1476		1830-19	HEBP	1170	
	WS	1251 720	630		ROM	1548	
14-1430	SC	1368 1170 1080	801 648 585		NOR	1494	
1430-15	SC	1476 1368 648 585			ALB	1431	
	M	1170 1080	801		AA	1314 *972	
15-1530	SCP	1476 1368 1251	1170 1080 1026 810 801 648 585		POL	1143 (*BBC error?)	
	PER	864			TURK	1170 *972	
	WS	630		19-1930	NOR	1494	
1530-16	SCP	1476 1368 1251	1170 1080 1026 810 801 648 585		ALB	1431	
	WS	630			GK	1431	
16-1630	SCP	1476 1368 1251	1170 1080 1026 810 801 648 585		AA	1314 1170 972	
1630-17	SC	1476 1368 1251	1170 1080 1026 900 810 801 648 585		POL	1143	
	PER	864		1930-20	DAN	1494	
17-1730	SCP	1476 1368 1251	1170 1080 1026 900 810 801 648 585		ALB	1431	
	PER	864			IT	1548	
1730-18	SCP	1476 1368 1251	1170 1080 1026 900 810 801 648 585		AA	1314 1170 972	
18-1830	SC	1476 1368 1251	1170 1080 1026 900 810 801 648 585		GK	1143	
1830-19	SC	1476 1368 1251	1170 1080 1026 900 810 801 648 585	20-2030	POL	1143	
19-20	SCP	1476 1368 1251	1170 1080 1026 900 810 801 648 585		IT	1548	
20-21	SC	1476 1368 1251	1170 1080 1026 900 810 648 585		AA	1314 1170 972	
21-2130	SC	1251 1026 648 585		2030-21	WS	1494	
22-2230	SCP	1476 648 585			ALB	1431	
	JJ	1251 720			IT	1548	
2230-2330	SC	648 585			AA	1314 1170 972	
2330-24	SCP	1476 1251 648 585			SS	1386 1323	
					POL	1143	

Symbols: SC: Standard Chinese; SCP - Chinese/Peace & Progress; JJ-Japanese; Mong-Mongolian; MP-Mongolian/Peace & Progress; KK-Korean; PER-Persian; WS - World Service (EE).

21-2130 AA 1314 1170 972
WS 1494 1386 1323 1143
2130-22 FF 972
WS 1494 1386 1323 1143
22-24 WS 1494 1386 1323 1143
Symbols: AA-Arabic; ALB-Albanian; BUL-Bulgarian; DAN-Danish; ALB-Albanian; FF-French; GK-Greek; HEB-Hebrew; IT-Italian; NOR-Norwegian; POL-Polish; ROM-Romanian; SS-Spanish; SWED-Swedish; TURK-Turkish; WS-World Service (EE); YID-Yiddish. This list doesn't include GG Radio Moscow pgms. on 1386/1323.

Verification Signers

Rob Gerardi
420 1/2 N. Main
Benton, IL
62812

Greetings! The deadlines are because I would like to lend an air of regularity to the column, especially now that we are going to monthly issues.

This is because the column hasn't been appearing too regularly, more due to lack of contributions than anything else as well as change in editors. I'd like to see it appear every 4 to 6 weeks. I'd also like to take this opportunity to encourage all who send for QSL's to report to this column, as it can be of immense value for your fellow members to know who to write to for their verie. So, please report to help your fellow members.

620	WTRP	1	Robert M. Cason, GM	(KVJ)
630	WKBX	1	Michael Prow, CE	(KVJ)
710	WZOO	(verie on report)	Garry Jarrett, GM	(KVJ)
860	WHRT	f	Neal A. Purdue, NRC QSL Mgr.	
		1	Gene Newman, Owner	(KVJ)
880	WRRZ	(verie on CM)	D.P. Dixon, CE	(KVJ)
900	KIKR	1	Rhett Butler, PD	(KVJ)
	KFAL	1 (On scratch paper)	Brian Sire, Op. Mgr.	(KVJ)
940	WNRG	1	Unsigned	(KVJ)
950	WGOV	1	Mary C. Carter, GM	(KVJ)
960	KARZ	1	Thayne Higgins, CE	(RG)
1090	WBAF	(verie on report)	Wimley Waters, Owner	(KVJ)
	WCRA	f	A.B. Cooper, CE	(KVJ)
1130	WISN	q	Robert Johnson	(KVJ)
	WCXI	1	Phil Rogers	(KVJ)
1140	KPWB	1	Dennis L. Hovis, GM	(KVJ)
1180	WKKE	1	Bob Rall, Pres.	(KVJ)
1220	WSPT	1	Don Standhardt, CE	(KVJ)
1240	KOKL	1	Brian Davis, Nx Dir.	(KVJ)
	KANE	(verie on back of b/s)	Ronald Hagan, Acting PD	(KVJ)
1280	WCPM	1	George Bibb, Engr. KS4K	(RG)
1400	KILE	1u	Tom Wisehart, Pres. & GM	(KVJ)
1420	WSUH	1	Dennis E. White, CE	(RG)
1440	WEZJ	1	Paul Estes, GM	(KVJ)
	WZYX	1	Joe Brewer	(KVJ)
1470	WNAU	1u	Russell Wilson, Oper. Mgr.	(KVJ)
1480	KLMS	1	William Hohnstein, Engr.	(RG)
1470	WCLA	1	Jake Corry (Sorry out of place-ed)	(KVJ)
1480	WAME	1	Cornell McGee, PD	(KVJ)

1570 CKLO 1 Jerry Agar, PD (KVJ)
 WQTW 1 Sam W. Jacobs, KA3CEV, CE (KVJ)


While we have some space left, let's run over a few abbreviations used for this column.

l=verification letter
 q=verification card (QSL card)
 p=verie is prepared card(made out by DX'er and sent to the station, returned as verie)
 cm=coverage map
 Stck=Sticker(item sent along w/ verie by station)
 CE=Chief Engineer
 Engr= Engineer
 PD= Program Director
 GM= General Manager
 Pres.= President
 VP= Vice President
 MD= Music Director
 Off. Mgr.= Office Manager
 Sec.= Secretary
 Asst.= Assisant (such as Assisant Engineer, etc.)
 Pro. Mgr.= Promotions Manager
 Mgr.= Manager
 u= follow up report verified
 f= form letter verie
 c= card w/ personal message
 w/= with
 w/o= with out (such as with out a signer)
 btn= Station button (sent along w/ verie)
 Ni Dir.= News Director
 Oper. Mgr. = Operations Manager

Well, that's it for this time. I hope to hear from some of you soon.

CONTRIBUTORS:

KVJ Karl V. Jeter, Decatur, GA
 RG ye Ed

via Pete Taylor 

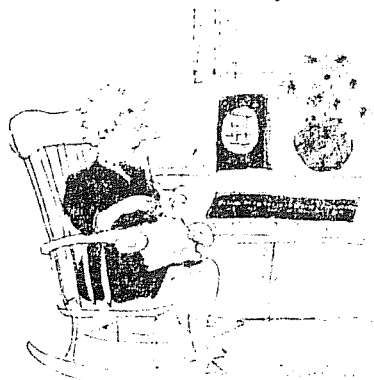


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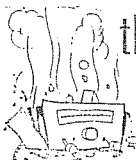
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the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V8R 4Z6
Canada

-----You've probably seen this on the front page of DXM, but Radio West is back in business at 3417 Purer Rd., Escondido, CA 92025 (phone 714-741-2891). Their catalog #5 is available for the asking, and a stamp would probably be appreciated.

Services and equipment formerly available from Radio West are all offered once again by the company.

-----In Canada, Shortwave Horizons, 6815-12 Ave., Edmonton, Alberta T6K 3J6 (phone 403-462-2198) offers Yaesu, Kenwood and Panasonic lines at competitive prices, as well as used equipment, including a Heathkit SB-620 spectrum analyzer and an Eddystone 750 receiver. A SASE will get you a SWH price list.

-----Century Print Shop, 6059 Essex St., Riverside, CA 92504-1599 (phone 714-687-5910) can now obtain books from a good many more publishers than previously--mostly concerned with DXing, electronics, computers etc., and many are available at discount prices. Until September, TAB books will be available at extremely good prices within the U.S. Send a legal size SASE for complete info. In July, a 37¢ legal SASE will get you an expanded flier.

-----The European DX Council, P.O. Box 4, St. Ives, Huntingdon, Cambs PE17 4PE, England has "EDXC Receiver Files" on the Yaesu FRG-7, FRG-7000 and FRG-7700, Trio (Kenwood) R-1000, Realistic DX-160 and Drake SPR-4. These include brochure, schematic and modification information and are available for 3 IRCs or 50p each file (under U.S.\$1). Other files are planned for the future.

* * * * *

The Hildreth Engineering "CommAudio Processor"

by Sheldon Remington

I have been using a Hildreth Engineering "Communications Audio Processor", offered as a wired unit, in kit form, or just as circuit boards. It has a few unique features. Firstly, it has a choice of three basic bandpass shapes: Flattop, with rolloffs of 12 dB/octave below 300 Hz and above 2.5 kHz; CW, of 100 Hz width centered at 750 Hz with 9 poles; and voice, which is like the flattop, but the portion from 400 to 1500 Hz is notched out (this segment apparently contains very little speech intelligence). The CW skirts can be preset to -20, -40, or -60 dB down, depending whether one wants to hear "off frequency" stations or not. CW mode also can actuate a "Tone-Tag" a warbling modulation superimposed atop the centered CW signal. In addition, there is an internal anti-phase "pink-noise" generator which can be set to a level which barely masks line noise (or whatever) and reduces fatigue.

The final feature is a "binaural" filter, which splits the spectrum at 750 Hz, and sends the low frequencies to one ear (or speaker) and the highs to the higher. When tuning past CW signals, they progress from one ear to the other, and you end up being able to pick out a CW signal from both its pitch and from its position on the "stereo stage". The feature can be useful when listening for weak carriers on the BCB.

The unit has a 2-watt stereo amplifier built in, and runs off 12 volts DC (external). A series of articles in Ham Radio magazine described the design (Jan. 79, Nov. 76, Nov 75). I have been very impressed with the steep filter cut-off slopes. The one feature not provided is a notch filter so I will have to homebrew one and add it.

A different form of binaural system is "binaural diversity", described in NRC's Receiver Reference Manual, in which each channel is fed by a different receiver, either set to different sidebands of the same station or to a parallel. I added switching for this function to my processor, and would not be without it.

On the subject of audio filters, note that there are now some 33 different units on the market, with a very confusing variety of engineering approaches. It appears that no single unit contains all the desirable features, so one either has to stack multiple units, or do some homebrewing. The new MFJ-732 looks like a good basic unit.

ed. note: Information on the CommAudio Processor (model 210) was obtained by writing Hildreth Engineering, P.O. Box 60003, Sunnyvale, CA 94088, and enclosing a stamp. As well as the flyer, they sent a copy of

the descriptive article in the January 1980 issue of Ham Radio, which was most interesting. I'd never heard of cutting out the 400-1500 Hz range for greater readability. Although the complete processor costs \$150, the voice filter/binaural synthesizer/audio amp board (#1201) alone is \$6.95, while parts cost \$19 (matched components are needed for optimum filter operation), so one could construct a voice filter alone, if CW listening was not contemplated.

* * * * *

Another system of binaural listening was described in Popular Electronics for April 1982--"Build a Synchronous Detector for AM Radio". Although the circuit is meant for wideband AM audio recovery, it features an upper and lower sideband splitting feature, which could be useful for DX'ing. It would be interesting to hear from anybody who has built and/or used this circuit for DX'ing. Thanks to Alan Merriman, Ben Peters and Bruce Portzer for sending copies of this article to me.

* * * * *

Two Receiver Reviews

by Don Moman

(These originally appeared in the CIDX Messenger. Although the reviews are of most interest to the SWL, the MW DXer should get some idea of these sets' capabilities from them. As we've mentioned before, all-band sets are generally a poor buy for MW-only DXing, and these are no exception. But if you like SWL'ing also....)

The Panasonic RF-3100

One of Panasonic's latest additions to their Command line of SW receivers is the model RF3100. It's a general coverage PLL type of set that tunes MW, FM and SW. A "no frills" type of set, it lacks such luxuries as a clock, timers, memories and such things. I compared this set with the Sony ICF 2001, the Panasonic RF 6300, the Yaesu PRG 7700 and the Drake R-7, under a variety of situations. Let's see how it fared against this rather unequal competition...

Physical Features.....15" wide, 5" high and 10" deep. Weight is about 7 lbs. without batteries. Plastic case. Runs on 117 VAC (built in AC supply) or 8 "D" cells. Current draw is 260 mA, 290 with the pilot light on. This is a fairly high current consumption for a battery set, but fortunately the 3100 functions normally on 8 D size NiCads, even with their reduced voltage output. Convenient tilt up stand for a better viewing angle. 3½" front mounted speaker.

Internal Construction.....Typical well packed Japanese insides. Much easier to work on than the Sony 2001. Uses a 6¼ x 3/8" ferrite loop for MW reception, running parallel to the back of the set. The 455 kHz filters are the inexpensive type and due to the construction and layout of the board it would be very hard to install better (and larger!) IF filters. The digital counter circuitry is enclosed in a metal shield and did not seem to cause any digital noise to be introduced in other sets or antennas.

Tuning.....Like most recent sets, the 3100 uses a broad band front end employing band pass filters instead of a manually tuned preselector. PLL tuning is used to eliminate the drifting problem found in some earlier Panasonic models. A 31 position switch is used to select either MW, FM or 1-29 MHz SW bands. A conventional VFO is used to tune within these ranges. An interesting feature is that the MW band is not broken in the middle like the R-1000, PRG-7700 etc. Tuning is continuous from 525 to 1610 kHz. The tuning rate is reasonable, a little fast for SSB, and has some backlash in the reduction system to make it even harder. However, for a set in this price range, it is nothing to complain about! Resolution of the counter is to the nearest kHz (.1 MHz on FM). Measuring the frequency of an unknown signal is easy and no offset is needed--unlike the R-1000 and PRG-7700 where you have to allow for an offset in either sideband position.

Selectivity.....Two positions are available; the manual does not have any specifications in it, but the wide is likely 6 kHz wide @-6 dB, while the narrow is likely 3.4 kHz. General listening indicated the narrow filter was equal to or slightly better than the 4 kHz R-7 filter, but significantly wider than the 2.3 kHz R-7 filter. Of course, the skirt and ultimate selectivity of these inexpensive filters are considerably inferior to those of the R-7, but under a variety of DX situations amid heavy interference the 3100 did a decent job. In fact, I was most impressed by the readability of its audio under heavy interference compared with the R-7. As a convenience feature, the narrow filter is automatically engaged

when you press the BFO button. For SSB reception in the ham bands the narrow filter is inadequate. However, you need to go to more expensive sets before you get really good filters (and then, not always!)

Sensitivity and Overloading.....Reception using the built-in antenna on SW is good, depending to a slight degree on the actual frequency involved. It certainly is on a par with most other portables. In fact, during the testing I was surprised to pick up R. Chinchaycocha, Peru on 4860 kHz. Not a common catch up here, and for a 36" whip in the basement, a good catch indeed! Connecting the 3100 to an outside 85' random wire through a 3 MHz hi pass filter (to prevent overload from local MW stations) improved reception a great deal, as it should. On all SW frequencies tested it was equal to the R-7 and in some cases was more readable due to better audio. Also surprising was that the S-meter reading compared very closely to the R-7 (at least to 20+S9 which is the maximum on the 3100).

MW pickup on the internal loop was good, with several 1000 km plus daytime MW stations heard. Locals can be nulled quite effectively to attenuate splasher. The loop is not defeatable even though the manual leads one to believe otherwise. No improvement in MW reception was noted with the outside antenna. No doubt due to the internal low frequency roll-off purposely built in to prevent overloading! However, there are several ways to get around it--like a couple of turns around the ferrite bar to couple the signal from your external antenna into the set.

FM sensitivity was adequate, but not as good as the 2001. Several stations just above the noise level on the 3100 were received quite clearly on the 2001. It might be significant to note that this was on the internal whip, and the Sony has a much longer whip aerial. FM overload was not noticed; however with all the cable FM leakage, it's hard to tell what is overload or leakage!

Overload on MW was not too bad: 930 appeared on 950 also (2x930-2x455) and 1480 was heard on 570 (IF image). However, if you coupled much more signal into the set through the method mentioned above, I'm sure you would have a problem. That is, if you are blessed with a goodly number of super close local stations like I am.

On SW the set showed none of the 4 MHz image problems the older Panasonic radios had. But it did produce spurs in the 20-30 MHz range due to very strong VOA and AFRTS signals in 11 and 13 meters. The tropical bands were also subject to overload from MW signals, but a resonant SW antenna or a 3 MHz hi pass filter helped greatly.

Overall Conclusions.....Even though I've been pretty tough on the set, I think that, in its price range, the 3100 is a pretty good value. While it can't be expected to be an R-7, it does provide a good level of performance. Other sets in this range suffer from many of the same problems, some to a worse degree. It's worthwhile to note that all sets under \$1000 (and some over...) suffer poor selectivity due to the cheap filters used. I know the economic reasons for their use, but it shouldn't be too much to ask just for them to leave a little room for us to add a better filter.

(ed note: R. West price \$319, SW Horizons C\$475)

The Yaesu FRG-7700

The FRG-7700 is a general coverage (150 kHz to 30 MHz) high quality communications receiver that has the capability to store up to 12 frequencies in its optional memory. When introduced, it filled the gap between the much costlier JRC NRD-515 and the smaller, less costly Sony ICF 2001. Memory capability aside, the 7700 is very similar in features and performance to the Kenwood R-1000.

Having used the 7700 for several months now, and using it side by side with a variety of other sets--Drake R-7, Kenwood R-1000 and R-600, Sony 2001 and the Panasonic RF6300 and RF3100--I have found it to be a good performer and very convenient to use. Once you have gotten used to having the memory capability it is hard to go back to, for example, the slow awkward band change system of the R-7. On the other hand, the memory function doesn't make the signals any more readable, which is the primary function of any receiver, a fact that is sometimes forgotten by manufacturers striving to appeal to our basic need for gadgetry!

Features.....coverage is in 30 bands of 1 MHz. Receives AM, USB, LSB, CW and FM. 3 AM selectivity widths of 12, 6 and 2.7 kHz. Fast/slow AGC. Effective noise blanker. FM squelch control. Front mounted speaker. Continuously variable RF attenuator on front panel plus a fixed 20 dB attenuator on the back panel. Memory select, enter, recall and fine tuning if memory option installed. Full featured clock/timer/frequency display

with timer outputs via RCA phono plugs on rear. Accessory connector on rear allows access to AGC, mute and 11 volt supply--mainly for use with the FRV-7700 line of VHF converters or other accessories. The usual wire and coax antenna inputs, separate MW/SW inputs. 110/220 VAC or 12 vdc (with DC kit).

Specifications.....

Selectivity: Wide--12/25 Medium--6/15 Narrow--2.7/8 (kHz at -6 dB and at -50 dB) SSB uses the 2.7 filter. FM is 15/30 kHz at -6 dB and -40 dB.

Sensitivity: LW--30/3 MW 25/2 SW 5/5 (microvolts in AM/SSB modes referenced to 500 ohms for MW, LW and 50 ohms for SW) FM sensitivity is 1 uV/50 ohms.

Drift is less than ± 1 kHz initial 30 minutes and less than ± 300 Hz afterwards. Weighs 6.5 kg. Dimensions (mm) 334W by 129 H by 225D. AC consumption--40 watts, 10 watts in "standby" (for clock/memory etc.) DC consumption--1.1 amps at 12 vdc, 100 mA in clock mode, 50 mA display off

Performance.....Nearly all recent sets have been created equal as far as sensitivity is concerned; what is not equal is their useable sensitivity, i.e. before overload occurs. On SW the sensitivity is excellent even though the quiet "front end" might lead you to think it wasn't, due to the lack of background hiss. At 30 MHz, the R-7 and the 7700 are equal but only if the R-7 has its preamp engaged. No spurious SW signals (caused by other SW signals) were noted, but a strong MW signal can upset the entire SW spectrum if it is powerful enough. Solution here is a resonant SW antenna or, even better, a preselector or filter. I use a single 3 MHz hi-pass filter which eliminates most of the problem. MW performance is limited as overload occurs rather easily. The PRT-7700 should help, but one was not available to test at this time (see note at end of this review).

Selectivity is provided by the usual, inexpensive ceramic filters. Three positions are provided in the AM mode, but in practise the wide and medium filters are so broad that they are of little use, other than to listen to local or very strong signals. I find myself using the narrow filter for all my listening. It does a good job on the majority of situations but the skirts of the filter are neither sharp nor deep enough to be totally effective. To compare, the R-600 has a narrow filter rated at 2.7/5 at -6/-50 dB. This is 3 kHz sharper at -50 dB than the 7700. In listening tests, the R-600 and the 7700 would be very hard to distinguish between.

Tuning.....Tuning is done first by selecting the desired MHz range with the MHz dial and then using the tuning knob (conventional VFO). There is about 50 kHz of over-range on each end. The memory stores frequencies to the nearest kHz, which for SSB, is not nearly close enough. Therefore a Memory Fine Tune (approx. 5 kHz range) is provided to overcome this potential problem. The dial system is very smooth and rapid; dial twirling is made easy with a recessed finger hole on the VFO knob. I've heard people complain about the analog dial as being unnecessary, but I find it very useful. Consider: I use one memory as a "scratch pad" and when I find a channel that I want to check for being in parallel, I simply put that one in the memory. Then using the analog dial I can tune to the second frequency, release the memory and there I am. Instant comparison without missing any of the program (or that possible ID!). Drift was never noticed, and the set performed fine in -10° C weather on a DX'pedition.

Odds 'n Ends.....The S meter reads to +60 dB over S9 and appears to be quite accurate, at least up to 40 over. Under some lighting situations the meter can be hard to read. Both the display and the meter/analog dial light can be dimmed for night time DX'ing. The display is a yellowish color, and a welcome change from the reds and blues/greens of most other displays. It will cause some interference to nearby MW loops but it's not very strong. The R-7 is much worse in this respect. The metal case provides a high degree of shielding, and without an antenna only a few local MW stations could be heard. A slight modification of the rear antenna connections (replacing them with coaxial BNC connectors) would reduce this even more.

Conclusions.....The 7700 fills a large gap in the memory capable SW marketplace, and provides a good level of performance for the price. The companion PRT-7700 antenna tuner should improve performance by reducing overload, thus allowing the 7700 to perform even better.

note: Since writing this, Don has tried the PRT-7700 and found that it matches random wires to FRG-7700 quite well on MW (i.e. there is apparent gain compared with connecting the wire directly to the receiver antenna

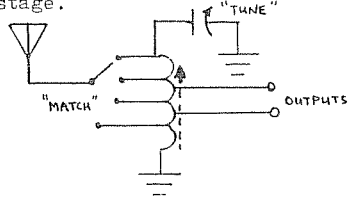
terminals) but it has little real selectivity for MW. In a high signal level environment it may not help much with the FRG-7700's overload problems on MW. Don has developed his own MW antenna tuner which gives better protection from overload than the FRT-7700 did when used with the FRG-7700 or other other broadband receivers. Details on this tuner next column. Stay tuned!

* * * * *

The Yaesu FRT-7700

by Sheldon Remington

I have just bought one of these little tuners; it cost me \$53 postpaid from Webster Radio (Fresno) It's attractive to look at, although my fingers are a bit too large for the knobs, hi. It has bypass switching, choice of two antennas and two outputs, a step attenuator (genuine pi-networks) with 0-10-20-40-60 dB increments; and a 4-position matching switch in addition to the usual bandswitch and tuning capacitor. Also a low pass filter for longwave. The tuning capacitor is geared down, so it takes 1½ turns end-to-end. There is even room inside for a small preamp stage.



For me, it was an easy choice over the MFJ/Grove tuners, due to what I felt was its better construction, shielded coils, and features. The circuit, omitting antenna, band, bypass and attenuation switching is at the left. The MFJ/Grove is simply a series tuned LC circuit, uses lo-Q "RF chokes" instead of shielded inductors, and costs more.

One hint, by the way for tuning loops and antenna tuners, is to use a strong broadband noise source. I have found the Radio Shack #22-4033 signal injector (\$5.49) to radiate enough broadband noise that it doesn't even need to be connected directly. I just hold it near the loop or longwire lead-in, push the "on" button, and peak all the tuned circuits on the noise. This signal is steady, unlike weak DX signals, and it is not so strong as to overload the receiver (which would produce a false tuner setting). Then I just turn off the noise generator and proceed to DX, knowing that the tuner is exactly peaked on that frequency. Many pocket calculators produce a similar broadband noise spectrum.

* * * * *

The Grove Signa/Match TUN-2 antenna tuner (not the same as the one mentioned above, Sheldon?) was reviewed positively by W.R. McIntosh in the December 1981 issue of The Lowdown. Mc found that the unit worked primarily as a preselector but could give a few dB gain by matching a random wire to a radio. It worked best on the low frequencies, and considerably lowered images, noise and overloading when using a random wire on LW and MW. Although the RF coils are unshielded, they are apparently of a reasonable Q. Like most antenna tuners, some experience was needed to get the best results from the TUN-2. Mc cautions that those who already use a good tuned antenna (a hi Q loop antenna) would not find much improvement with the TUN-2 however, or other antenna tuners for that matter. In general the TUN-2 was found to be better than the McKay Dymek DP-40 on LW, but perhaps inferior on SW, with a toss-up on MW. More info on the TUN-2 in the flyer from Grove Enterprises, Brasstown, NC 28902. According to the latest issue of "Monitoring Times" put out by Grove, the TUN-3 Minituner is now available from the company. This is less expensive than the TUN-2 and covers from 100 kHz to 30 MHz (the TUN-2 goes down to 10 kHz).

-----Finally, for those who like their filters mechanical, try MHz Electronics, 2111 W. Camelback Rd., Phoenix, AZ 85015. They offer a Collins 3.2 kHz sideband filter, and a Kokusai 2.36 kHz LSB filter for \$15 each. Don Womam (who provided this info) found that the Collins filter had quite a bit less passband ripple than the Kokusai. Note that these are sideband filters, so your digital readout wouldn't display exactly correctly. These are 455 kHz filters.

Thanks again, folks. Another monster column, and more to come! 73-NHP



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EASTERN DX FORUM

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

DEADLINES: 7/27 8/10 (week before other editors) ? (subject to Seattle)

Donald Moore, Cuerpo De Paz, Apartado 3, Santa Bárbara, S.B., Honduras
Noted Nick Hall-Patch's 870 logging of Radio Honduras in 5/22/82 DXM. According to DXKW-II 11/28/81, the QTH for that frequency is La Ceiba (on the beautiful tropical Caribbean coast...). If I don't receive the info in the mail in the meantime, when I visit Tegucigalpa for a week at the end of July, I'll visit Radio America, Radio Television, Radio Honduras, La Voz de Honduras, and Radio Satellite to obtain lists of their repeaters. Am currently working on a list of stations in San Pedro Sula and Western Honduras. A lot of CAM info will be going to DXKW-II soon. Amount of effort needed to compile accurate listings is phenomenal. The WRTH info on Honduras is very spotty - no intention to criticize them, just not any good local sources of info for them. Radio Rumbos, Costa Rica, noted last several months or 530-532. I remember noting someone reported an UNID on about 530. Totals here are now 220 stns/15 countries/17 U.S. states/53 U.S. stations/126 CAM stations including 60 Honduras. Lots of taped veries but haven't counted them up yet. KIKN-1590 w/500 watts is a ho-hum regular pest after midnight, over a thousand miles. In response to the query in DXM 5/22, I would prefer to see the Almanac available unbound. 73's.

Bill Townshend, 4500 Connecticut Avenue, Apt. 901, Washington, D.C. 20008
I visited Karl Jeter and Chuck Hutton at the latter's pad during my weekend in Atlanta, Ga. for an alumni convention. Before I left for Ga. for the Memorial Day weekend, I had great tropo Cx, logging four FM newbies. My first indication of tropo Cx was hearing semi-local WQHQ-FM-104.7, Salisbury, Md, 29 km./ 18 miles west of Ocean City (on Ocean City gateway which is U.S. 50), 106 mi/170 km SE of my QTH. The station was heard here in NW DC of all places; this place is for the birds as far as this kind of DXing goes because of the tower farm. If I hear WQHQ (ex-WBDC) here in Chevy Chase, D.C., I take my trusty Sony to work to DX during coffee break or lunch. A midday bandscan yesterday at summer solstice netted nothing unusual. I couldn't get WLW or WLS, but WHAS-840 came in poor and unreadable. The Sunday after my weekend in Cater Country (6/6), I trekked to North Beach, Md. (not the North Beach section of S.F., Calif., a one-time beatnik haven, hi), where my grandparents had a cottage for the first half of this century; the cottage still stands. Several landmarks have been razed, including a couple of seafood restaurants, one of which burned down at the end of a now-rickety pier....I cabbied it back to NW DC late Sunday night; shades of the trip from Derbytown's Hyatt Regency hotel to WCND-940 during the 1980 convention. That's all for now. CUN28. 73'3.

John Clemmer, 4524 - 7th Street, Apartment 2303, East Moline, Illinois 61244
Recent trips to Alabama and Iowa proved most interesting. I went S to the Mobile, Ala. area at Easter. Radio hilites of the trip---WJUN-1290 Batesville, Miss (ex-WBLE) is now BTFL Mx. I can't imagine what a 1 kw daytimer is doing playing BTFL Mx in the middle of Mississippi! Still no AoR in Jackson; tons of AM C&W including WJQS-1400, WCCL-1590 & WRKM-970. Listened to WKKE-1180 a while, their 10 kw signal isn't super but they get out fairly well. WKKE is of course MYL now. WXXX-1310 Hattiesburg seemed to be all oldies as I drove thru. Mobile, Ala. AM is just about dead ratingswise. Everybody is listening to the FMs. There isn't 1 fulltime contemporary Mx stn in Mobile on AM unless you count WKRG-710 w/Hx but tons of news and talk. WMOB-840 is now oldies as WJAX. The 1360 is now contemp. Christian. AM reception from Gulf Shores, Ala. is unusual---tons of water-path stuff from Louisiana to Florida. Daytime regulars included WGTO-540, WJUN-620, WDLP-590, and WXGR-1190, WVMI-570 and KAGY-1510 and KLEB-1600. On May 19-21, fellow DXer George Greene was out and we visited Iowa City, Cedar Rapids, Waterloo, and Des Moines. KKIC-800 is C&W now. A rare (any-more) AM T40 was found in KWLO-1330 Waterloo. KCFI-1250 Cedar Falls is on nites now, running mod C&W. KCFI has a decent signal for 500 watts and covers Waterloo metro well. No real surprises in Des Moines although KCBC-1390 is now adult contemp. Locally, KWNT-1580 wants new calls---likely to remain MYL though. Enjoy the summer and remember the IRCA convention here Aug. 13-15. Good DX & 73. P.S. the new NRC Log looks great but doesn't list station formats this edition. A real mistake I feel!

Tom Jasinski, 503 Jensen Street, Shorewood, Illinois 60436

Greetings. DX has been zero lately due to other outside activities. Late last winter I tried something for those who aren't afraid to cut into that precious receiver. I joined two sets together. I took the mixer output from one set and wired it into the IF stage input of another. Why? Because the "front end" of one and the "IF section" with mechanical filters of the other are of a better quality than the remainder of either set. The guinea pigs were a multi-band set of unknown age and manufacture and an Allied A-2516 Ham Band set. A two foot piece of RG/58 coax joins the sets. Each retains its own power supply and must be turned on separately. Of course, a schematic would be helpful here and should be consulted before you even think about such an operation. Improvements in performance are rather hard to measure without proper equipment. There was an overall improvement in selectivity allowing me to tune in daytimers on adjacent channels next to locals on 1340 and 1510. Sensitivity went from a weak carrier on 1610 to clear audio from the "Caribbean Beacon". The best catch with this setup was the VOA outlet on 1580. Certainly these are not high performance specs you would expect from an R390 but they are definite improvements. Anyone desiring more details please write. Also would like to hear from anyone who has owned or used the Radio Shack DX302 and let me know how it performs. See you in the Quad Cities. (Tom, you won't recognize me after all these years, hi--rce)

Philip Boersma, 15570 Cleveland Street, Spring Lake, Michigan 49456

Hello all. Just renewed for another year in IRCA, so for those who are interested: I'm 25, living w/the folks yet, gainfully employed in the petroleum industry (uh, at a gas station, hi). Rx is an aging but still functional Panasonic RF-1600, most of my DXing is on FM these days. Anyway, local radio Nx: WTVN-1340 is on the ABC Talkradio net, they went w/that net the first day of its operation (May 3). (WABC didn't join until about a week later.) WKJR-1520 is now the only fulltime REL station here, their FM is now WABM, w/BFL Mx. WGHN-1370 is having financial difficulties, moving studios (got kicked out of old bldg), operating only 0600-1800, even though LSS in June is 2130 here. What's even wierder is that their FM, WFMG-92.1, is also operating 0600-1800. WGHN/WFMG simulcasting 100% now, too--useta be different formats (WGHN is MoR, WFMG was Adult Contemp). Noted the articles in the 5/22 DXM about AM stereo and the "aging" of AM formats. My only comment is that AM is dying, stereo won't save it, and the "Music of Your Life" audiences will be dead (literally, hi) in 20 years (Phil, I'm not that old yet--rce) and so will that format--probably before then. There may be little or no AM left by 2000. And I don't care, hi... if this sounds a bit disjointed, it's because I'm typing w/my headphones on, and the Sex Pistols blasting in both ears. AWAY!

Ed Best, 2004 University Drive, Durham, North Carolina 27707

919-489-2164. Greetings from the Tarheel State. I am a new member and am glad to be associated with IRCA. I have been a DXer for years, but not a member of a club. I am 30 years old, I work for WDNC-620 as a news reporter. I have worked as an announcer/engineer in both radio and tv in N.C. I am also an Amateur Radio Operator with my call being AK4W. My equipment consists of a Hammarlund HQ-140 Xa, which I am trying to sell so I can get a HQ-180A, any takers???? Antennas are a 250 ft LW and a Dymek DA 5 Loop. I am interested in trading airchecks with anyone. Do you need airchecks of the Raleigh-Durham-Chapel Hill area??? I am primarily interested in collecting airchecks of Contemporary Christian Music Radio stations around the country. I have out a 1982 N.C. Radio Guide for \$2.50 if anyone is interested. Let me hear from you. (Ed, welcome to EDXP. Please keep reporting--rce)

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

For once, my report falls in the proper sequence, hi. Good news here, in that my boss will let me take two extra days off for my vacation, and so I will be in the Quad Cities in August. Plans are for me to be there Friday afternoon, then leave Sunday morning for Springfield, Mo. If anyone in the Chicago area or west needs a ride to the convention, let me know, but you are on your own about getting home, hi. John Clemmer mentions all the things to do in the Quad Cities, but I'm interested in getting over to the small town of Wilton, Iowa, as I spent two years recently quoting truck rates from a small steel company there. Good to talk with Charley Keleher over the Memorial Day weekend, and with John Zondlo this past Sat. He said he heard Phily's classical FM station--at the same time I was watching channel 4 from Little Rock, Ark. From this location, I've now seen more TV stns from Ark. than I've heard on BCB. See you later. PTL.



Western DX Forum

RCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald

STEVE TAFPE, 621 WARREN, TOPEKA, KS 66606 (913) 233-0960

Greetings from sunny Kansas. Biggest news around here is that I recently got married and spent a glorious week in Honolulu. Of course, I took my trusty Sony ICF 6700W and 50-foot longwire and tape recorder for some serious DX. We stayed in the heart of Waikiki and all of the concrete and steel. I was surprised that all I could hear was Hawaiian stations. I tried for the mainland, but no luck. I taped over 90 minutes of ID's and DJ patter.

In my opinion, the best station as far as music is concerned is KIKI. FM stations were far and few between. The popular FM station is 98 Rock FM.

I found myself up at 0500 HLT, 1000 CLT and spent a few mornings DX'ing. I did hear some weak audio on 891. I remember several years ago Dr. Richard Wood lived outside Honolulu (Lanai section of Kailua-RtH) and heard some amazing DX from all over. I'm sure it helps to get away from all the steel and concrete.

Picked up some KIKI and 98 Rock surveys. Will trade 'em as well as my local Topeka stations for those interested. I'll also trade local airchecks and coverage maps. I have over 2,000 CWS for trade.

I plan to be in the Quad Cities and look forward to seeing in particular, Rob Kramer, Karl Forth, Rick Evans, John Zondlo, Rich Eddie, whom I saw at the Hammond convention. 73.

TERRY A. KLASEK, 9720 VICKIE PL., ST. LOUIS, MO 63136 (314) 868-7274 Prepaid

A soggy hello to all of you DX'ers. Hey, I didn't order this very wet weather so I wish whose rain St. Louis is getting please take it back. Well, it's summer now so that means DX time. Yes, Summertime means DX. During the summer I tend to send out my follow-ups and put my books in order. Once again I'll send a follow-up or a new report to my all-time holdout, WHAM. This will be my tenth report with no replies! (Why no type it this time, eh? Hi-RtH.) I carefully match my veries with my log books to keep them up to date. I hope to have them completed before Labor Day as I will bring them to Louisville. I'll also be relogging those regionals who have thus far not responded to earlier reports. I plan to improve on my heard/verie ratio.

I'm finally breaking down and typing this double-spaced to spare our editors eyesight. My handwriting is not too hot as editors will readily agree. (Oh the temptation for a comment-hi-RtH.)

There will be DX'er picnics here this summer to be held on Sunday, 16 July and Sunday, 26 September. Both will be held in my home/backyard. We will feature Bar-B-Qued hot dogs and all the goodies you can eat. Also, soda and six cases of beer. . . all you can drink for a measely \$3 per person. I'll have plenty of promo stuff to trade/sell for those into promo collecting. I'll be bringing 20 different T-shirts to NRC Louisville for trade. T-shirt freaks take note.

The St. Louis DX'ers do hereby challenge all other cities to wiffleball. At our picnics we will feature our traditional wiffleball games. We are the greatest wiffleball team in the country and Robert Krammer please take note.

If you would like to attend either picnic then please call or write me as soon as possible for further details. Time to DX again so see you next issue and in Louisville. 73 de TAK.

CHARLES GEORGE, 6407 HOWARD, DALLAS, TX 75227

Not much happening with ECB DX, but FM has been strong toward New Orleans, Mobile and Corpus Christi during the week of 06 June.

I like the new NRC Log but I miss not having the format codes that appeared in the previous log. I hope they'll be back in future logs.

My RF-2600 had some loose jacks which caused me to lose the audio from the set.

We recently had our TV set go out due to a power surge during a recent electrical storm. It cost \$42.50 to have it repaired. The RF-2600 also went to the shop and repairs to it cost \$22.50. I'll know not to have my set turned on next time there's an electrical storm in the area. (Ya sure it just wasn't Dolly Parton doin' her thing? Hi-RtH.)

I've been trading arichecks of local stations with several NRC members and would like to extend that to IRCAnS. I use a Hitachi stereo cassette deck and I also use a Panasonic portable cassette recorder.

Just sent to the IRCA Goodie Factory for a copy of the IRCA Technical Guide. I hope it helps me with capturing new DX. I know there'll probably be a statement in there saying, unplug equipment during an electrical storm. I also ordered a copy of the Almanac. I've seen so many favorable comments about it in various forums and musings. 73.

JEF JAISUN, BIG ZUCCHINI CHICKEN RANCH, 12860 136 AVE NE, KIRKLAND, WA 98033

Well, if things go according to plan, by the time you penguins read this I'll be once again scarfing Danish pastries with Jens Frost. I'm leaving (left, hi) (You left long ago Jef, hi-RtH.) for Europe 27 June for my third year of touring with guitar and vacation. First gig is with Jackson Browne and 50 other acts at the Roskilde Festival in Denmark. I play on the Fourth of July so I hope those people are ready for some fireworks, hi.

As was mentioned in the last DXM (and should be included in this ish's WDXR), I taped the KOK/KJET call switch. One less lame format in town, thank you. I can't listen to new wave all day, but it's better than 30 stations playing Pablum of your Adult Contemporary Life.

Listened to KJR last night and was literally shocked. . . they must have fumigated the record library, hi. I mean, their format is so nostalgically clean it squeaks. Can you imagine a big band medley of Glen Miller's greatest hits? I thought I had KIXI or KOMO and that maybe KJR had popped a transmitter. Well, if anything good is going to come of all this synthesized oldies saturation it will hopefully come in the form of more MM SPs. I can't see everyone making book with the same format. (Depends on what page you choose to show your advertisers, hi-RtH.)

Speaking of SPs, I almost cried when I heard KRVN 880 went NSP with Jock Radio. 880 is far and away my best LA frequency, not to mention the Asians on 882. I knew it was just a matter of time 'til enough people moved into Lexington to give the management bright ideas, but gee whiz. Good-bye to Peru, Honduras, Panama, NYC, Cuba, NZ, Mexico, et al. . . hello jockstrap radio. (That reminds me about the fella. . . er, better not, hi-RtH.) Incidentally, I never did get a QSL reply from Lima 880 (What, that pest, hi-RT). I even sent them a 45-minute tape. Maybe it didn't even get there.

RtH, my girlfriend worked for Ma Bell in Weaverville a couple years back. She listened to KGO at night when Jazzbeaux was still there. Weaverville is so self-conscious about its image that the local tavern is called the New York Saloon. You could put a station behind the bar and apply for KNYC, hi.

News about Jazzbeaux is that he's doing quite well at WNEW New York and this fall will have a book published about him by Troubador Press in San Francisco.

For you stickercollectors, I flagged down to CFUN 1410 truck at the 12 June Peace Arch anti-nuke rally and got a couple of goodies from them. They have CFUN/PACman stickers, and you could probably get some by writing to them with an SASE. CUN September. 73 de JJ.

NICK HALL-PATCH, 1538 AMPHION ST., VICTORIA, BC V8R 4Z6

Time to make my presence felt on these pages again. First, a run-down of last season's DX. . . hmmm, pretty miniscule. But like Gene Martin experienced, one worthwhile opening, only for me it was around the tenth of January. This was a mystery was noted on 1494. Thanks to Charlie Taylor, 1494 was ID'ed as DWDJ Manila for a new country and at 10 kw, pretty good DX, I got your card about two weeks after the tape came back, Charlie. Also, according to our man in the Far East, the Philippine anthem (sung in Tagalog by a woman) heard on 828 during the same opening was probably DXCC, but the anthem is a standard version heard on most Philippine stations, so I won't count it, just in case is was better DX than DXCC, hi.

Doug Nyholm, summer Beverages can be very rewarding, particularly for DU's. Around these parts, sunrise often brings some low-power catches when using a Beverage. So take advantage of the good weather and string out that wire. Having said that, I must admit that the 31 May Beverage DX'pedition to Jordan River, featuring BP and NHP, the Portzer DX'mobile and 4,000 feet of wire, was the worst ever for DU's though a number were heard. But old regulars 2KY 1017 and 2GB 873 weren't noted for example. This spring has been poor overall for DU's, so I guess we can't blame the Beverage. But I hope the lack of DU's doesn't signal a trend in the coming years.

Are there any California DX'ers interested in listening for TA's? We're trying to set up a phone net along the coast to warn of TA openings, but with no response so far from California. It only takes a few minutes to check the band for hets on an autumn evening, and the results could be well worth it. Write to me enclosing your phone number if you're interested, as I'd like to have

a TA net list out by mid-August.

Finally, a new edition of "A DX'er's Technical Guide" will be in preparation this winter. Anything you would like changed, added to, deleted from, the first edition? Let me know. Keep those radios warm during the summer, and not necessarily from leaving 'em out in the sun. 73 de NHP.

RANDY TOMER, 1969 27th ST., ARCATA, CA 95521

Well, Heald finally went and did it, he came up here in the flesh to get a forum out of me. But if he thinks he came up here to finally hear some hot DX, boy is he in for a surprise. Tee hee, giggle. I actually had nothing to say but Ric is holding a gun to my head, hi. (Actually no, I'm in control of the typewriter, hi-RtH.)

We're saving up our money to fly out to Klasek's GTG in St. Louis, but with Republic's monopoly on Eureka, that should take about five years, hi.

JJ, we like Glen Miller's greatest hits down here. It's about as exciting as the Seahawks, hi. While on the subject, how come you sent your weather down here for the summer?

NHP, the DU beacon on 1615 is such a pest that it slops out KATA 1340, hi.

By the way, the hottest tavern in Weaverville is the Rainier Club, which burnt down about five years ago. (OK Tomer, is this a wrap? Hi-RtH).

Everybody have a good summer. 73 de RT.

RIC HEALD, P.O. BOX 4861, SANTA ROSA, CA 95402-4861 (Exiled in Eureka)

Well gang, guess where I am? No, not Ukiah as promised, but Humboldt Travel in Eureka, for the month of July, then to Ukiah. . .maybe. I love all this certainty. . .psychiatrists have a term for all this madness, hi. Done come back from Nashville and found myself going 300 miles north instead of 60.

Have situated myself in a unique location during my month here, within spitting distance of KATA 1340 and can see KINS 980 and KEKA 790 blinking away in the distance, but must say Eureka area radio is extremely clean. Can hear 1330 and 1350 at night with little KATA slop, KINS and KRED 1480 are weak. I'm actually in Arcata, about three miles from Tomer who decided to help write WDXF this month.

Nashville was fantastic (might as well write about Nashville, beats anything else I have to say, hi). Found myself two blocks from WVOL 1470's six-tower array and about a half-mile from WNAH 1360, but WVOL clean at night. Unusual array at WVOL. Six towers in two lines of three each with three towers spaced at usual $\frac{1}{4}$ wl apart, but the two rows looked to be at least $\frac{1}{2}$ if not $\frac{5}{8}$ wl apart.

Also, old time radio still lives in Nashville, you know, with the announcer spotlighted doing the commercials live and being introed by the performers. I'm talking about the Grand Ole Opry. I went right out and bought me a two pound bag of Martha White's Self-Rising Cornmeal Mix, hi.

I did very little DX (with the TRF), due to lack of time. A couple band-sweeps day and evening. Man is that Cuban on 1160 a powerhouse.

Due to the late hour (0150 PLT) and work the next morning, or rather this morning, better sign off here. 73 de RtH. .

BRUCE PORTZER - N4ECJ(?) - 6546 19th Avenue N.E. - Seattle, WA 98115

Lots of things happening here lately. In mid-May, I took the exam for the amateur technician class license and a few weeks later my license popped up in the mail. Only one problem with it...the folks at the FCC misspelled my last name, but that's par for the course, hi. No immediate plans to get on the air at the moment, but someday I may set something up around here.

Nick and I made another stab at DXing in Jordan River (well, near it, anyway) on July 4-5 and had much better results than from our May attempts. A good tentative on Samoa-648, plus some interesting Aussies around sunrise, 4BU-1332 almost equalling KUPL-1330, tentative 2NZ-1188 almost as strong as KEX-1190, and several other 2-5 kw stations knocking the trees over.

Phil Boersma, don't be so quick in predicting the demise of the MoYL format. They'll probably be around 30 years from now, but instead of playing Frank Sinatra and Glen Miller, they'll have evolved into a format featuring AC/DC, the Sex Pistols, and the Rolling Stones, hi.

After experimenting with several ways of installing my PCIM frequency counter/digital readout in my TRF, I finally decided to mount it in an external plastic case. This will enable me to (eventually) plug it into any of several different receivers I use, rather than mounting one in each rig. Even at the bargain price of \$25 each, four or five of them still cost a lot of money.

I think I'm out of space, so I'll say 73, don't forget to cast your TVA votes, and try to DX once in a while (it's fun...). CU next month.

EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadlines 7/27, 8/17

All times Eastern

- 550 KFYR ND Bismarck, 0400 5/8 hrd "KFYR Bissmarck", rock format, dominant most of time. First logging of this stn & state. This is # 32. (PP-OH)
- 630 WMAL DC Washington, 5/3 2305 good w/ SID - WMAL, wx, ads. (RSR-ON)
- 890 WLS IL Chicago, 6/24 1333-1336 end of Rod Stewart song, 4 spots @ 30 seconds each, wx rpt, 76°F, SID. Fair to good. Sun angle at 73°, high noon at summer solstice!!!! (WPT-Marlow Heights, MD)
- 950 WKAZ WV Charleston, 5/3 2310 fair w/ rock mx, ID, wx. (RSR-ON)
- 960 WFIR VA Roanoke, 5/4 2250 fair w/ rock mx, wx, ID, TC. (RSR-ON)
- 1290 WQIN PA Lykens, 6/9 2046 s/off by m w/ ment of FM on 107.3. Fair. (WPT-DC)
- CJBK ON London, 5/3 2348 fair w/ concert promo, ID, talk. (RSR-ON)
- 1300 WERE OH Cleveland, 5/2 0029 fair w/ Larry King, M nx, ID. (RSR-ON)
- 1310 WNIC MI Dearborn, 5/3 2330 fair w/ rock mx, ID, wx. (RSR-ON)
- WEEL VA Fairfax, 6/14 0053 noted off but w/ OC. (WPT-DC)
- 1380 WGUS GA Augusta, 6/20 2044 s/off by m w/ "Coming to the end of broadcast day..." Fair. (WPT-DC)
- 1410 WING OH Dayton, 5/4 2236 fair w/ rock mx, ID, wx. (RSR-ON)
- 1420 WCED PA DuBois, 2130 5/10 hrd "WCED" u/ local WHK & then faded and never heard again. (PP-OH)
- 1440 WCHB MI Inkster, 5/4 2231 fair w/ rock mx, ID, TC. (RSR-ON)
- WRRO OH Warren, 5/2 0020 fair w/ 50's mx, promo, ID. (RSR-ON)
- 1460 KSO IA Des Moines, 0417 5/15 Tammy Wynette song then m ID as KSO. Weak signal. (PP-OH)
- 1500 WTOP DC Washington, 5/3 2300 good w/ nx, ID, local ads. (RSR-ON)
- 1510 WLKR OH Norwalk, 6/23 2101 Indians-Orioles EB game. Fair. (WPT-DC)
- 1600 WAAM MI Ann Arbor, 5/3 2249 fair w/ rock mx, ID, m DJ. (RSR-ON)

DXing through the summer

- PP - Paul Pellettiere, 7726 Fern Dr., Mentor Dr., Mentor, OH 44060 (DX-160, 50' longwire)
- RSR - Robert S. Ross, DXing while fishing at Lake Eugenia, ON, 18 miles south of Collingwood, ON (TRF, RF1115, Marantz 2226)
- WPT - William P. Townshend, 4500 Connecticut Ave. NW, Wash. DC, 20008 (Realistic TRF, Sony ICF-S5W)

CENTRAL DX ROUNDUP

Robert Kramer

6416 N. Richmond

Chicago, IL 60645

DAT's IT

- 620 WTMJ WI MILWAUKEE, 2123 5/9 mx, comment on awards won by WTMJ nx dept.. DT-MN
- CKCK SK REGINA, 4/18 0312 ID, 920 mx, ads, good. DT-MN
- 640 WOI IA AMES, 1127 5/24 pgn about IA, PSA ID, Market & Business nx XLN. DT-MN
- 690 WPTX LA NEW ORLEANS, 0322 4/1 ad for Beeper Phone Service, ID, rck mx, good. DT-MN
- 880 KRVN NE LEXINGTON, 1105 5/24 nx, ads, mx, good. DT-MN
- 990 KAYL IA STORM LAKE, 2019 5/8 nx & Sports, promo for KAYL-FM, S/Off 2030, good, some QRN. DT-MN
- 1150 CKX MB BRANDON, 0320 4/12 ad, ID, Beatles mx, fair, QRN. DT-MN
- 1350 KRNT IA DES MOINES, 0035 4/23 ID, Mystery Theatre, poor, QRN. DT-MN
- 1430 WIRE IN INDIANAPOLIS, 0203 3/28 ID "Wire Country", talk about Pac-Man contest, poor, much QRN. DT-MN
- 1570 WFRL IL FREEPORT, 1839 3/28 C&W mx, ID "All American Country 1570", fair but faded fast. DT-MN

Dee Only One

DT... Don Terrell 314-15th St. N.E. Rochester, MN 55901
(Hallicrafter's SX-71, Superadio)

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PLT)--no collect calls

DEADLINES: Thursdays July 22 & August 19

REPORTERS FOR THIS ISSUE:

- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FR3-7, SM-1
(BH-WA2) DX'ing at Fort Canby State Park, Ilwaco, WA
G.E. 7-2963A portable
(RH&CK) Rob Harrington & Chris Knight-DX'ing in Steamboat Springs, CO
Kenwood R-1000, 2000' antenna
(EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233
RF-2900, TRF, SM-2
(JJ) Jef Jaisun-P.O. Box 92- Bothell, WA 98011
SP 600, 1000' Beverage, wedge
(LM) Lois McLain- 317 Knight Drive-San Rafael, CA 94901
Realistic DX-160, filfer loop
(RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
JE long-range portable, SM-2

OF SPECIAL INTEREST:

- 630 KSHR OR, Coquille Mon 6/7 1401-1505 ex-KWRO. Pop mx, used both
"K-S-H-R" & "K-Shore" slogan. 1500 ID was AM-FM. Also had
promo for DJ "6 to midnight," presumably simulcast till sunset.
But evidently not 100% pop mx & not 100% simulcast, as had a
promo for Ralph Emery C&W show "on AM-63, Sat. 7am-noon." Both
hours had tape-delay of the new CBS "Radioradio" net nx :00-:02,
network ads :02-:03, then wx w/Coos Bay-North Bend, Bandon, &
Coquille temps. Fair signal. (BH-WA2)
- 910 CKDQ AB, Drumheller 6/14 0610 call change ex-CJDV logged w/incredible
signal in KNEW null, sometimes o/KNEW. Several "Q-91" IDs,
"Q Country" wx. Thanks to PN for this tip. (RW-CA)
- 1590 KJET WA, Seattle MM 5/31 0302 first s/on ID w/new calls (ex-KZOK-AM).
Jet sounds o/last KZOK ID, followed by Bogart clip about "Turn
on that radio behind ya...don't nobody go nowhere." Then
"1600, K-J-E-T, Seattle." "Modern" rock format ala old KZAM-
1540, but a little more conservative. Also hrd "16-K-Jet" live
ID (not really live, though--it's all automated). Call #6 for
this freq. since 1959. (JJ-WA)
+Sa 6/19 0422 ending LP rock & "K-Jet" ment. Ad for jeweler,
then "16-hundred AM, K-J-E-T" & into mx sounding like Devo.
Good w/KLIV. (BH-WA)
- *****
- 540 *CBK* SA, Watrous 6/18 0605 noted w/OC. (EH-WA) (RH&CK-CO)
- 550 KRAI CO, Craig 6/12 0008 excellent w/mx & sports rpt. on fight.
+6/14 0648 good w/ID "55 country, KRAI" in KAFY/KOY null. (RW)
- *KBOW* MT, Butte 5/28 0403-0418 f/c per list then back to RS. (EH-WA)
- 560 KLZ CO, Denver 6/12 0010 good w/fading. C&W mx, offer of free
coffee. (RH&CK-CO)
- KMON MT, Great Falls 6/14 0724-0730 poor to fair in KSFO null w/
promo, local spot, ID as "Country Giant". Lost by 0732. (RW)
- 570 WNAX SD, Yankton 6/12 0020 good w/nx items from Iowa & DesMoines.
0022 good w/wx & TC, ID at 0025. (RH&CK-CO)
- (KVI) WA, Seattle 6/21 0420 noted totally off on very rare SP.
They had to pick the shortest night of the year to s/off, hi.
CKWL, KLUB in. (EH-WA)
- 580 KUBC CO, Montrose 6/12 2054 very good w/"790 at KUBC", nx. (RH&CK-CO)
- 610 KVNU UT, Logan 6/12 2100 AT-40, "You're listening to 61 KVNU in
Logan". (RH&CK-CO)
- 620 KWFT TX, Wichita Falls 6/12 2306 good w/ID & C&W mx. (RH&CK-CO)
- 670 KBOI ID, Boise 6/12 2102 NBC nx, Ramada ad, ID. (RH&CK-CO)
+6/21 0400 noted on RS. Has been NSP for a month now. Summer-
time NSP I hope, hi. (EH-WA)
- 680 *KNBR* CA, San Francisco 6/9 0635 noted w/TT, OC, o/XELG. (RW-CA)
(KNBR) 6/10 0524 totally off on rare SP. (EH-WA)
- 710 KPIA CA, Carmichael 5/28 1820 mx, nx. (LM-CA)
- 720 KDWN NV, Las Vegas 6/12 2120 list of tickets available at casinos
in Las Vegas. (RH&CK-CO)

780 KROW NV, Reno 6/12 2136 fair w/ad for Carson City, ID "Mighty 780 KROW". (RH&CK-CO)

790 KXQR CA, Clovis 5/28 1855 mx, ads. (LM-CA) (RW-CA)
 (KABC) CA, Los Angeles 6/7 0330-0750+ off totally w/periods of OC/TT.
 KXXX KS, Colby 6/7 0715 suddenly on top thru KABC OC at power change w/talk about electric power in western KS & its effect on farmers. New. (RW-CA)

810 (KGO) CA, San Francisco 6/20 0452 totally off. (RW-CA)
 +6/20 0615 totally off on rare SP. (EH-WA)

860 KWSR CO, Rifle 6/12 2140 excellent w/C&W mx, KWSR jingle. (RH&CK-CO)
 ?CFPR? BC, Prince Rupert 6/7 0444 presumed the one w/EZL mx looping north. Fair but fadey. (RW-CA)

920 KVEL UT, Vernal 6/12 2152 ID, rr mx, take off song. (RH&CK-CO)
 940 KPFE CA, Fresno 5/28 1912 ads, Giants pre-game. (LM-CA)
 950 KMER WY, Kemmerer 6/12 1330 good w/rr mx, ID. Hrd on car rx in Hayden, CO. (RH&CK-CO)

960 KDOT UT, Provo 6/17 0448 extremely strong in KABL null w/"K-96" & "KDOT" ID, xlnt cx to northern intermountain region. (RW-CA)

980 KILN CO, Glenwood Springs 6/12 1340 good w/mx & ID. Hrd on car rx in Hayden, CO. (RH&CK-CO)

990 KKIS CA, Pittsburg 5/28 1933 ads, mx. (LM-CA)
 CBW NE, Winnipeg 6/4 0530-0555 noted w/TT before 0558 s/on. CEC mx on hour. (EH-WA)

1000 ?WTAK? AL, Huntsville 6/7 0635 tent. just after pattern change w/ID "84° here in Huntsville (?), at W-T (or P)-A (or K)-K (or J)." Ment. of a "Million Dollar Weekend", into C&W. WVOV was C&W, is WTAK still, anyone know? Not KXRE, as they came on at 0645 w/current temp of 62, & not 84°! Also too warm for WCPL, WTAK only one that makes sense. WABT not C&W. (RW-CA)

1010 *CBR* AB, Calgary 5/28 0430 noted w/TT, OC. (EH-WA)

1040 ?KPBC? TX, Dallas 6/21 0700 tent. w/what sounded like a s/on, into relig. hymns. Killed by XED slop, WHO long faded out. (RW-CA)

1060 KUKQ AZ, Tempe 6/12 0047 good w/"9:50, commercial-free mx, KUKQ." (RH&CK-CO)

1080 KSCO CA, Santa Cruz 5/28 1957 nx, Wall St. Journal Rpt. (LM-CA)
 ?WTFIC? CT, Hartford 6/7 0515 tent. at pattern change w/rr suddenly appearing out of nowhere o/KRRLD/YWJJ for about 10 sec., then gone w/no comeback. (RW-CA) (RW-CA)

(KWJJ) OR, Portland 6/15 0410 totally off, 1st time on a Tues. morn.
 1090 KANN UT, Ogden 6/12 2301 s/off ID--address given, info on pgms, ID. (RH&CK-CO)

1120 (KPNW) OR, Eugene-Springfield 6/15 0413 totally off. (RW-CA)

1140 KRAK CA, Sacramento 5/28 2031 nx, mx. (LM-CA)
 KWJJ NV, No. Las Vegas 6/12 0042 good w/slogan ID & rock. (RH&CK-CO)

1170 CKGY AB, Red Deer 5/26 0430 xlnt wiping out KPUG w/wx into C&W mx. (EH-WA)

1210 KGYN OK, Guymon 5/26 0638 w/ads into C&W mx. Rough in CKDA-1220 slop. (EH-WA)

1220 KIBE CA, Palo Alto 6/12 2300 s/off ID & off. No SSB. (RH&CK-CO)

1230 KIBS CA, Bishop 6/9 on past normal s/off w/election results. (RW)
 KWG CA, Stockton 5/28 2045 mx, ads. (LM-CA)

1240 KPOD CA, Crescent City 6/14 0834 good w/high tide rpt, into C&W. Lost to KSWA. (RW-CA) (RW)

KJOP CA, Lemoore is definitely AN-6 at least, unsure about ME Skel.
 KNRY CA, Monterey 6/2 1931 call change finally noted ex-KESE. was still KESE 3 days earlier, but ID "The roots of rock, 1967, here on 12-40 ENRY", later on jingle ID as "Cannery 1240". Now apparently 24 hr. WJF, no nightly s/off anymore. (RW-CA)

KPRB OR, Redmond 6/21 0600 finally hrd after a couple tries w/s/on amid jumble. Ment. of lkw days & 250w nights, then lost very quickly to UNID SSB (probably KQEN). Possibly into network nx but no idea. Lost w/ESMA-ERNY-KROY. New. (RW-CA)

?KIOA? CA, Ridgcrest 6/3 0307 tent. w/a soft piano-synthesizer style SSB in KSUE null, but no details hrd. (RW-CA)

KSUE CA, Susanville 6/9 on past normal s/off w/election results. (RW)

1250 KWSU WA, Pullman 5/26 0258 nx, wx into s/off at 0300. RAFX nulled. (EH-WA)

1260 KYA CA, San Francisco 6/12 0055 very good w/dedication & ID. Oldies mx. (RH&CK-CO)

1270 (KROI) NV, Sparks 6/14 0346 off w/OC, totally off later, freq. wide open. (RW-CA)

KAJO OR, Grants Pass 5/27 0303 ment. of ET. No TT or OC, only mx hrd. (EH-WA)

- 1270 KFJZ TX, Ft. Worth 6/14 0626 poor thru KROI OC w/MYL. (RW-CA)
 1280 KJOY CA, Stockton 5/28 2057 mx. (LM-CA)
 1290 KCUB AZ, Tucson 6/12 0120 C&W mx, ID, ad for greyhound track.
 (RH&CK-CO)
 KOWB WY, Laramie 6/13 1500 very good, "You're listening to Amer.
 Top 40 on KOWB Laramie". Hrd on car rx in Estes Park, CO.(RH&CK)
 1310 KLIX ID, Twin Falls 6/12 0040 good w/"Klicks" slogan & address.
 (RH&CK-CO)
 1320 KCPX UT, Salt Lake City 6/12 0038 fair w/ads for record store, TC,
 and ID. (RH&CK-CO)
 1340 KORV CA, Oroville 6/9 on past normal s/off w/election results.(RW)
 KIST CA, Santa Barbara 6/9 0424 completely dominant w/election
 results. (RW-CA)
 1350 KSRO CA, Santa Rosa 6/9 on past normal s/off w/election results.(RW)
 +6/12 0034 good w/ID "Here on KSRO", TC & 2nd ID. (RH&CK-CO)
 1360 KRKK WY, Rock Springs 6/12 0100 good w/ID & slogan "SW WY". (RH&CK)
 1370 KSOP UT, So. Salt Lake City 6/12 1032 xlnrt w/C&W mx & ID. (RH&CK-CO)
 1380 KGMS CA, Sacramento 6/18 0500 poor u/KTOM w/ID into CBS nx (brand
 new affil.). Somewhat rare here. IN KEEN null. (RW-CA)
 1400 KVOY AZ, Yuma 6/18 0445 definite now instead of tent. Poor u/KSLY/
 KFTN/KXIV w/ID "Country is KVOY!" (jingle), in KRE null. (RW)
 KUKI CA, Ukiah 6/9 0440 way o/KRE on past normal s/off w/election
 results. (RW-CA)
 1410 KVEG NV, Henderson 6/12 2255 spot for Michlob, ID, C&W mx.(RH&CK)
 1420 (KSTN) CA, Stockton 6/3 0430-0615+ totally off during this period.
 Extremely weak jumble in KUJ null. (RW-CA)
 1430 KARM CA, Fresno 5/25 0054 rr mx. (LM-CA)
 KEZW CO, Aurora 5/26 0625 in briefly w/Denver wx into MYL. KLO,
 CJXX QRM. (EH-WA)
 1440 KPRO CA, Riverside 6/12 0115 good w/clear ID by OM. (RH&CK-CO)
 1450 KTIP CA, Porterville is no longer NSP apparently. S/off anct. MM,
 so at least off MM's 0300-0800. Possibly each night? (RW-CA)
 1460 KDON CA, Salinas 5/27 0002 C&W mx. (LM-CA)
 1480 KYOS CA, Merced 6/12 0109 very good w/rr mx & ID. (RH&CK-CO)
 1500 KXRX CA, San Jose 6/12 0107 good w/ID & rock mx, crossover song.
 1560 KPMC CA, Bakersfield 6/9 0425 on past normal s/off (RH&CK-CO)
 w/delayed Lakers/76'ers basketball game. (RW-CA)
 1600 KUBA CA, Yuba City 5/28 1312 C&W mx. (LM-CA)

ID'ing an unID:

1400 My unID SS reported in Apr. DXM carrying CA Angels was KRCQ, Indio,
 per GS. Hardison. (RW-CA)

June f/c's hrd:

1st MM	KXIV-1400 AZ 0300-0315 (RW)	June f/c's NOT hrd:
	KQIK-1230 OR 0300-0315 (RW)	1st Fr KXJK-950 AR (RW)
	KMCL-1240 ID 0315-0330 (RW)	KWRD-1470 TX (RW)
		3rd MM KRAV-1050 OK (RW)
		KEDD-1550 KS (RW)

UNID's:

- 790 6/7 0418 unID SS noted, way too weak to ID. Suspect XERPC or XERC,
 but could be a domestic? (RW-CA)
 1240 6/14 0800 unID looping NE/SW w/distinctive SSB, Statler Bros singing
 NA, into unID network nx. Lost to KSMA/KFLI. (RW-CA)
 1400 6/21 0830 SSB way u/KONG, lost almost immed. in KRE null. KUKI fits
 s/on time, & they use SSB during s/off, so probably them. (RW-CA)
 1450 6/21 0834 unID w/strange s/on time, into AP nx. Probably KOBO,
 which has 0830 s/on time, but they're not listed as being on the AP
 network per new NRC Log. (RW-CA)

Welcome to WDXR, Lois! I hope you will report often. Next WDXR dead-
 line will be Thurs. July 22. Reason for the early deadline is Bill & I
 will be leaving on the 24th for a trip to Yellowstone & Grand Teton Nat'l
 Parks. Have a good summer everyone! ?

WBTX

1470 KHz

telephone (703) 896-8933

MASSANUTTEN BROADCASTING CO. p.o. box 337 broadway, virginia 22815

DX WORLDWIDE EAST

Neil Kazaross, Editor
518 E. Grand Avenue
El Segundo, CA 90245

Well, guess who forgot that we had a postal holiday on Monday again? I hope this makes it. I put a new ribbon in this poor, long-suffering Smith-Corona so I hope that this column is more readable than the last one. Cx here are not good & I guess that they're that way back, too, as evidenced by the lack of reports.

My experience tells me that we should expect better DX during later July, August, & September. The past three summers have yielded at least one period of severe DX which absolutely destroys any high level skip, sunset patterns at this time of the year allow the eastern DXer to DX Latin America (the Caribbean & S.A.M. areas) at and before sunset by using the same sunset skip methods that we use to DX domestics in the winter. Sunset skip to the Carib. & eastern S.A.M. areas can yield many surprises at this time of year during reasonably quiet DX.

TRANS ATLANTIC DX ROUNDUP (no name means it's from Bokman)

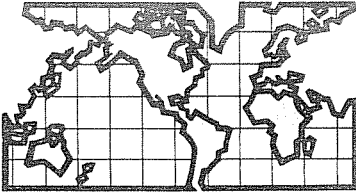
- 891 ALGERIA Algiers 0339 June 13 a-cappella male AA vocal, loud, demolishing HJ.2/100 (Connelly-MA)
- 1161 UNID carrier noted 0239 May 28, presume Strasbourg. Carriers/hets also noted on 1107 & 1504 but w/no audio during this evening.
- 1359 UNID het only noted 0254 May 28.
- 1422 GERMANY sk strong w/light mx 0228 May 28. No positive ID noted
- 1467 MONO QTR good w/O. 0305 May 28. Apparent talk by man in unid lang. at 0333. Probable summer early s/on.
- 1458 UNID carrier/het detected 0232 May 28.
- 1476 AUTRIA Wein strong w/rock mx 0225 May 28. Gone by 0300 recheck.
- 1512 UNID Strong(:) carrier noted 0223-0230 but no audio faded up. Has anyone caught the new high-powered Belgian here yet?
- 1521 UNID carrier/het on WAB. noted between 0222-0330 May 28. Perhaps KOSI:??... This & 1521 may also be the Saudi superpowers which often run QC prior to 0300 s/on. I'm not sure if the Belgian on 1512 has been hrd yet -ed.
- 1539 GERMANY Deutschlandfunk-rainflingen very strong (level almost w/WPT) w/mx, GG talk 0221-0300 May 28.
- 1593 GERMANY WDR Langenberg Alnt w/mx & GG talk 0215-0330 May 28 during a nice highband enhancement. PA's pretty much gone after 0330.

PAN AMERICAN DX (all from Connelly on the W. peninsula)

- 710 VENEZUELA Caracas YVXX 0147 June 13 US rock, then SS talk, R. Capital ID o/u WOK.
- 740 VENEZUELA Maracaibo YVNO 0502 June 13 upbeat LA vocal mx, SS talk, R. Maracaibo ID-- good w/BL nulled. (Connelly-MA)
- 750 VENEZUELA Caracas YVAB 0415 June 13 R. Caracas ID, soul & disco mx; loud & dominant.
- 825 ST. KITTS Basseterre 0151 June 13 ss preaching only fair to good during mediocre DX. (usually on the Cape, this is like a local at night)
- 1040 COLOMBIA Barranquilla HJAI 0407 June 12 AAAAOL ment fair o/other SS LA stn.
- 1110 VENEZUELA Marupano YVQT 0357 June 12 Rumbos doorbells, SS talk, ads by man & woman, Marupano ment, atop second SS LA & BL (WBT not noted)

Comment from Richard Bokman: "On the evening of May 27 (May 28 by UT time) there appeared to be a very nice (albeit brief) highband enhancement due to the initial phase of a "major" per WOV geomagnetic storm. Frequencies above 1100 kHz seemed to be affected" ... My theory (or I should say hypothesis) about this is that the F-layer becomes enhanced for MW & the higher B.B. stations (especially those above 1400 kHz) are helped by shortwave-like F-layer propagation. The strangest example of this type of DX was my reception of 2 MW A.L.L. from Spain on 1504 last May at a time when this PA Graveyarder was the only PA audible! The reasons are that the higher latitude frequencies were blocked by AD while lower freq. southern PA's were not propagated by the F-layer highband enhancement.

Contributors: Mark Connelly, TRK in W. Yarmouth, MA... Richard Bokman, HQ-180A SB620, Sanserino Loop in Philadelphia, PA.



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185- deadline Tuesday TIME:UTC

Boy do I have a column for you this month!!! Quite a few people went out to DX earlier this month and last month. So on with the column:

PAN-AMERICAN DX ROUNDUP

- 640 COLOMBIA, Unid. w/Election returns u/KFI at 0800-5/31. (BP-BC)
UNID, U808 5/31 SS u/KFI, but couldn't keep a steady null on KFI even to note programming. HJBJ? (See Above,PM) (NHP-BC*)
- 655 EL SALVADOR, San Salvador-YSS 1047-5/31,good w/SS talk and mx (BP-BC)
- 700 COLOMBIA, Cali-HJCX Radio Sutatenza fair w/election returns at U805 5/31,faded w/WLW 0808 (BP-BC)
- 830 UNID, South American type mx and 3:12 TC quite strong 0812 5/31 Soon faded u/KIKI Prob. Ecuador,tho Colombia also poss. (BP-BC)
- 1010 t COLOMBIA, Barranquilla-HJOP most likely the one w/Election ret. atop a mess of low hets and audio 0910 5/31.No ID's hrd and several Colombians listed. (BP-BC)
- 1025 t COLOMBIA, Ibague-HJCT election returns fair but fadey 0751 5/31. (BP)
- 1030 t COLOMBIA, Cali-HJER Radio Pacifico assumed 0658 5/31 w/election returns . Poor to fair w/Colombian and RCN ment. Trading places w/ XEQR which was noted w/usual whistle IS and pop mx. Best on 315 degree wire. (NHP-BC*)
- COLOMBIA, Cali-HJER fair to strong w/election returns many RCN ID's chimes, one ID for Emisora Nueva Granada (man RCN in Bogota) from 0647-0744-5/31. (BP-BC)
- 1180 COLOMBIA, Unids 0855 5/31,2 perhaps 3 LA stations here w/election returns,all best on 315 wire,but no ID's. (NHP-BC*)
- COLOMBIA, GY like mess of Columbians w/election returns 0855 and 0931 5/31. One of them strong w/2 others underneath! No ID's hrd.(BF)
- 1190 COLOMBIA, Unid w/Election returns o/u KLIF 0854 5/31 HJCV or HJCT most likely. (BP-BC)
- 1200 COLOMBIA, Cali HJNF 0850 5/31 YL reading numbers,etc. Election ret. 776120. Fair to poor,best on 315 wire. (NHP-BC*)
- COLOMBIA, Cali HJNF Radio Super good w/election ret. // 6120 from 0833-0850 5/31. Hrd ment. of Cali and Super.Had long rep. by YL beginning at 0839. (BP-BC)
- 1560 MEXICO, San Rafael Chamapa-KEFAJ 0930 5/31, Ranchera mx and "consetida" ment. by OM Poor in 1550 slop on 315 wire. (NHP-BC*)

TRANS-PACIFIC DX ROUNDUP

- 182.003 U.S.S.R., Unk. station taped at 0001 3/16 w/Midnight in Moscow IS and male RR after. six 1-KHZ pips,no ID hrd,fair,prob. Petropavlovsk w/Chita under. (Taylor-Ok)
- 209.001 U.S.S.R., 2 stations taped here at 0930 2/28 w Kremlin Bells IS atop and Mayak IS under. (Taylor-Ok)
- 531 NEW ZEALAND, Alexandra- Otago Radio ID's hrd w/rr mx at 0835 on 6/15. Fair w/2MC QRM. (PM-Or)
- UNIDS, 2 stations hrd all morning one w/MOR-Pops and the other sounded C&W 4/25. (SPM-PR1) (Prob. 4XA and 2MC.PM)
- 567 NEW ZEALAND, Wellington-2YA-w/ National Pgm,om in talks at 0842 on 6/15. (PM-Or)
- UNID, het here against 570 at 0839 4/25. Aussie? (SPM-PR1) (More likely NZ. PM)
- 594 UNID, Hymns noted at 1316-4/26 thought // 621. Who this? (SPM-PR1) Prob. Australia. PM)
- 629.996 SOUTH KOREA, Yeosu KBS HLCY taped at 0300 (1200 local) on GW.(Taylor) (Date? PM)
- 648 AMERICAN SAMOA??, Pago Pago,poss. the one w/rr mx at 0715-6/11. (PM)
UNID, Het on KORL at var. checks 0900-1200 5/31.Never produced any audio. Would love to think it was WVUV.(BP-BC) (Prob. was,PM)
- 650 HAWAII, Honolulu-KORL Blasting in all morning w/MOYL,K-65 ID's and some Hawaiian spots,Exc. even on Car Radio-4/25. (SPM-PR1)
- 657 NEW ZEALAND, Wellington-2YC w/Concert pgm. at 0850 6/15.Poor. (PM-Or)
*Also noted all morning until about 1200 w/Concert pgm. //882,but LYC much better-4/25. (SPM-PR1)

- 657 NEW ZEALAND, Wellington-2YC/ 1114 5/31 Fair w/talk by man about fighting on Falklands, then YL talking, u/splatter from KBOI-670! Pretty lousy for coastal Beverage. (NHP-BC*)
*Also strong w/Clas. mx at 0904-5/31 (BP-BC)
- 665.979 TAIWAN, Tai Dong-My last reported tentative on 666 is this. Taped 0600 4/24 sp(regular) of FFBS-666 on GW. (Taylor-Ok)
- 666 NEW CALEDONIA, Noumea-FR3 poor w/OM in FF, light Jazz at 0830 on 6/15. (PM-Or)
- 675 NEW ZEALAND, Christchurch-3YA poor w/talks // 567 at 0843-6/15. (PM)
- 720 TAIWAN, Tai Nan BCC1, list time 2058 4/19 opening w/anthem with light march mx, QRM de unid N.Korea. (Taylor-Ok)
- 747 t NEW ZEALAND, Greymouth-3ZA presumed the station w/OM in talks and sounded // to National Pgm 0844-6/15. (PM-Or)
- 756 NEW ZEALAND, Auckland-1YA fair at 0853 // 567 on 6/15. (PM-Or)
- 764.953 PHILIPPINES, Tuguegarao, Cagayan DZYT. Pleased to tape s/on at 2058 4/26 w/NA, poer, calls, location, addr, etc. Poor u/o JOFF; (Taylor)
- 765.000 JAPAN, Tokuyama-JOFF taped 4/26 2059 s/on w/calls, power, etc. (Taylor)
- 765 NEW ZEALAND, Hastings-2ZK about the best DU the AM on 6/15 w/Clas. mx // 657 at 0856. (PM-Or)
- 773.953 PHILIPPINES, Quezon City-DZBM taped at 2100 4/28 w/NA. (Taylor-Ok)
- 774 FIJI, Suva-w/OM in Hindo at 0900 on 6/15. (PM-Or)
- 810.000 CHINA, Zhe Jiang prov. taped 0200 5/26 on GW, o/FEN Tokyo. (Taylor)
- 819 NEW ZEALAND, 1YZ w/Clas. mx at 0848, DU anc 6/15. Fair. (PM-Or)
- t NEW ZEALAND, Rotorua-1YZ noted w/Clas. mx 0917-4/25. Is this 1YZ w/Clas. mx? (SPM-PRI) (Probably. PM)
- *Also noted w/vocal mx good 1233 5/31. (BP-BC)
- 828 NEW ZEALAND, Palmerston North-2XS good to fair w/rr mx o/Aussie at 0841 w/NZ wx on 6/15. (PM-Or)
- 830 HAWAII, Honolulu-KIKI-good all morning w/RR mx D.J. Cliff Richards talking into mx way o/WCCO 0916-4/25, hrd on car radio. (SPM-PRI)
- 837 AUSTRALIA, Rockhampton-4RK fair w/Pop mx at 0851 on 6/15. (PM-Or)
- 846 KIRIBATI, Tarawa-Poor w/OM and YL ancrs at 0907 in Gilbertese-6/15. Unid station underneath. (PM-Or)
- *Also noted exc carrier, but poor audio as usual w/talk in Gilbertese and Island mx 0835-4/25, not noted past 1000(S/off). (SPM-PRI)
- 864 NEW ZEALAND, Invercargill-4ZA-w/Tonight Show 0854/6/15. (PM-Or)
- 882 AUSTRALIA, Brisbane-4BH-at first o/u 1YC, then alone later, OM accented anc, song Molly Molly by Judie Stune then "4BH-the pride on Beautiful Music" Used Slogan several times all morning. Stayed in well after it turned light. (SPM-PRI)
- NEW ZEALAND, Auckland-1YC-Poor w/Clas. mx // 657 at 0915-6/15 (PM)
- *Also noted good w/Clas. mx Thru CJVI slop, KRVN lost to daylight 1122-5/31 (BP-BC)
- *Also noted almost a pest w/concert pgm 0828 4/25, 1051 battling it out w/4BH. Is this usual everyday w/1YC, then 4BH later? (SPM) (Yes, as it gets dark a little earlier in Wellington (Plus 12 hrs), than Brisbane (Plus 10 hours). 4BH is normally pretty strong and takes over freq. by 0900 or so. PM)
- 891 FIJI, Lautoka-Radio Fiji 2, // to 774 w/Hindi 0905 6/15. (PM-Or)
- SOUTH KOREA, Busan-HLKB noted v interesting Asian type mx, then OM anc in what sounded as KK type mx (Beautiful mx) SAH slight QRM, lightning crashing, etc. o/ DU 1212 4/25, oddly enough other Asians were not noted til 1200. A-Index was hi. (SPM-PRI)
- UNIDS, 2 DU's here 1101 4/25 suspect strongest one is 5AN over 2XW, later Asian station was noted o/ DU's (HLKB). (SPM-PRI)
- 900 HAWAII, KNUI WOW!!! What a signal 1230-1330 5/16 local like and v loud marred by KGRB s/on u/KNUI at 1300, later ruined by KBIF s/on at 1315 then o/KBIF-KGRB at 1325. Best Hawaiian ever better than KIKI-KORL. (SPM-PRI) (KMVI-550 is normally the strongest Hawaiian here after 0700 or so. PM)
- 918.000 PHILIPPINES, Quezon City-DZRP taped list time 5/9 had Tagalog YL w/ID. (Taylor-Ok)
- 1008 NEW ZEALAND, Tauranga-1ZD fair w/rr mx Tonight Show at 0920 6/15 w/Beatles mx. (PM-Or)
- *Also noted w/UNID 1100 5/31 6 NZ pips noted fair signal, preceded by 3 pips, 2 short and 1 long at lower pitch. (NHP-BC*) (Poss. 410)
- 1017 TONGA, Nuku Alofa-A3Z good w/OM in Toganese at 0917 6/15. (PM-Or)
- *Also hrd w/Island mx fade up w/talks in native lang, slop from KTRQ at 0908-4/25 (SPM-PRI)

- 1026 AUSTRALIA, MacKay-4MK fair w/rr mx at 0924 on 6/15. Hrd wxcast at 0929. (PM-Or)
- t AUSTRALIA, MacKay-4MK Pop mx noted fair at 1055 5/31 and at later time pasts. Aussie stock Market rep. at 1207 w/big signal. Presumed this per prev. loggings. (NHP-BC*)
- AUSTRALIA, MacKay-4MK good w/wx local ad, ID, Promo for Robert W. Morgan Special of the Week, pgm, rr mx-1107/ 5/31. (BP-BC)
- 1035 NEW ZEALAND, Kaitaia/Whangarei-nx // 1008 o/u 4MK 1103 on 5/31(BP)
- NEW ZEALAND, Wellington-2ZB, SIBC faded down to briefly hear the Tonight Show comments, soon covered by SIBC again at 0934-6/15.(PM)
- *Also noted like a local! 1245-5/16 w/wx for North Island, ment. of many cities inc. Palmerston North into ONJ song, equal or louder than KPOI-1040, fades past 1330 (SR was 1300) (SPM-PR1)
- *Also at 0700 5/31 NZ pips noted fair on 270 degree bev. This was the best through most of the AM (tho, that's not saying much, as DU's were unusually poor), but only rarely at good level. (NHP-BC*)
- *Also noted and already audible 0700 5/31 w/pop mx, pips, nx by YL Fair-strong for the rest of the night. (BP-BC)
- 1040 UNID, DU w/Pop mx 0847-4/25. Is this 2ZB? (SPM-PR1) (Probably, PM)
- HAWAII, Honolulu-KPOI, great signals all morning w/MOR 1000-4/25 Legal ID. (SPM-PR1)
- 1044 NEW ZEALAND, Dunedin-4ZB w/Bob Segar mx, fair 0905-4/25. (SPM-PR1)
- *Also noted w/Theme from Taxi, Tonight Show promo ID-0919 6/15.(PM)
- *Also noted several stations mixing here 1257 earlier at 0905 4ZB //1035 Fair-4/25. (SPM-PR1)
- 1053 UNIDS, Several stations mixing an Asian and others, Prob. KK mess a DU or two 1258-4/25. (SPM-PR1)
- 1071 UNID, 1 KHZ het hrd here all night w/KNX. Who this? (SPM-PR1) (Poss. an Asian of 3CV, PM)
- 1098 MARSHALL ISLANDS, Majuro-WSZO Island Music w/KFAZ 1100 phased down, then YL Talking Man talking at 0922 5/31 in EE w/Marshall Islands Ment. Vy Poor to fair on 270 degree Bev. w/Splash from 1090. (NHP-BC*)
- *Also noted fair w/het and QRM from KFAX Ukelele mx 0914 then man in Accented EE at 0917, Ment. of Majuro-0921 5/31. (BP-BC)
- 1161 UNID, 1158-5/31 rr mx across top of hour w/no pips, anmts, etc. Then faded 1202, weak w/het and KSL QRM. Ideas? (BP-BC) (Poss. 2ZM, have hrd here several times. PM)
- 1179 t AUSTRALIA, Melbourne-3KZ w/wx forecast, sounded like Melbourne ment. at 0931 6/15, poor, strong het and slop. (PM-Or)
- UNID, 1219 5/31 someone playing "Imagine" by John Lennon, weak with bad KOFI het. (BP-BC) (Poss. 3KZ-PM)
- 1197 NEW ZEALAND, Whangarei-2ZW hrd w/Tonight Show // 1008 at 0950 on 6/15. Fair. (PM-Or)
- 1206 UNID, DU here w/C&W mx, long song, Accented EE DJ into more C&W mx fair-Good signal (2GF-Grafton?), 0905-4/25. (SPM-PR1) (Sounds like 2GF, PM)
- 1210 HAWAII, Honolulu-KZOO-Noted JJ talk by YL, briefly at 0858-4/25 Soon lost to WCAU (SPM-PR1)
- 1215 NEW ZEALAND, Kaikohe-1ZE good sig w/OM DJ accented talk, pops at 0855-4/25, also noted w/nx of NZ, later in AM. (SPM-PR1)
- 1386.001 CHINA, Tian Jin-taped 1st time 1000 4/22, was on top of JOHC, ID, after 6 pips. Fair (Taylor-Ok)
- 1386.00 SOUTH KOREA, Mogpo-MBC HLAM, taped 1st time 0959 4/21, mixed w/ JOHC, etc. (Taylor-Ok)
- 1430.909 CHINA, Hailar, taped 1130 1/25 //4010 and 4952 SW, not in Mandarin, sounded Mongolian, Poor to fair. (Taylor-Ok)
- 1476 NEW ZEALAND, Auckland-1XA-Radio Hauraki w/Hard rr at 0945-6/15.(PM)
- UNIDS, Asians or DU's here, strong but Garbled, 2 or 3 signals, and netting 1480 at 1259. (SPM-PR1)
- 1485 CHINA, Shan Dong RGD taped 2100 5/12 at opening, w/repeated ID, East Is Red anthem, no pips on hour. (Taylor-Ok)
- JAPAN, Karatsu-NBC LPRT 100 w taped 1st time 2059 5/12, quick promo ID. (Taylor-Ok)
- 1503 NEW ZEALAND, Christchurch/Wellington-3XG/2XG, 1126 5/31 schmaltzy piano mx, man talking w/ NZ TC, pretty big signal, and getting bigger, much better on 270 degree wire, at 1200 Radio Rhema ment. address and phone number's given, listed s/off at this time. One of the better DU signals. (NHP-BC*) (Great Catch, Nick! PM)
- t *Also possibly the one w/fair to good sig. 1152-6/7, syrupy mx, and OM talking. Weaker by 1200 when KGA-1510 slop at s/on drowned it out. (NHP-BC)

521 UNID, Het all night 4/25 (SPM-PR1)
 548 AUSTRALIA, Emerald-40D poor w/Clas. mx, OM ancr at 0951-6/15, with lots of 1550 slop. (PM-Or)
 557 AUSTRALIA/NEW ZEALAND, 2RE and 2ZH mixing here most of the AM of 6/15. 2RE with MOR, 2ZH with Tonight Show. (PM-Or)
 566 UNID, DU here noted off and on all night w/C&W mx and accented EE Talk by OM, Later at 1300, HLAZ took over frequency with vy strong signals and KK talk. (SPM-Pr1) (Your unid DU sounds like 3NE, as they do alot of C&W stuff, like American Country Countdown. PM)
 569.977 PHILIPPINES, Nichols AFB, Pasay City-DZHH, a little surprise on Tape this Hereat 2058 4/21, s/on, Ann as 3 KW, ICRT looped. (Taylor-Ok)
 575 AUSTRALIA, Wollongong-200, with rr mx and "Two Double O" ID's as usual, poor to fair at 0923 6/15. (PM-Or)
 615 NEW ZEALAND, Ohura "OR" beacon w/call sign in code over and over at 1153 5/31. Monster signal w/another UNID beacon behind it, apparently same freq. (NHP-BC*) Also hrd 6/7 1107 w/fair signal and usual ID's. First time hrd at home (NHP-BC)
 *NEW ZEALAND, Ohura "OR" beacon strong w/morse ID repeated over and over 1252 5/31 (BP-BC)
 UNID, "NZ" repeated in code over and over 1152 5/31 weak under "OR" Nothing listed but call suspects maybe NZ. (BP-BC)
 1610-15 UNID, noted a vy strong beeper all night, vy strong, Suspect local. What is this? (SPM-PR1)
 1650a UNID, J274 repeated several times in code 1151 5/31, then off, strong w/code in background. (BP-BC)
 1685a UNID, "M-H" repeated in code 1211 5/31, fair to good, nothing listed (BP)

VERIES:

1116 NEW ZEALAND, Nelson-2YX, reg. NZ card w/all details (2KW), nice letter from Doreen Smdth for Manager. Stickers from Radio 1341 and Golden Bay Radio-1269, took 2 months. (PM-Or)
 1395 NEW ZEALAND, Oamaru-42W, sent beautiful postcard vq with aereal view of Oamaru "Radio Waitaki". Sent sea mail, 3 months-2KW, New Zealand verie # 70. (Pi-Or)

THANKS TO THESE REPORTERS:

SPM-PR1 Steve McGreevy-45 Elda Drive-San Rafael, Ca. 94903
 DXING at Point Reyes, California w/Beverages.
 NHP-BC* Nick Hall-Patch-DXing at Jordan River, B.C. w/Homebrew rx, phasing Unit, 1000 8 Beverage at 270 degrees, 1000 ' at 315 degrees.
 NHP-BC Nick Hall-Patch-1538 Amphion St.-Victoria, B.C. VBR 426
 Homebrew rx, 3 foot box loop
 BP-BC Bruce Portzer-DXing at Jordan River w/1200 ' E/W bev.
 Taylor Charles A Taylor-Box 812-MCAS Station-FPO Seattle 98772
 PM-Or Yer Editor- E.H. Scott rx, 600 Foot NE, 400 Foot West, Ground system.



LA MAS PODEROSA RED RADIAL DEL PAIS

- | | |
|---|---|
| <p>1. YNAV Estación Piloto
Radio Continental
Managua 850 Kilociclos</p> <p>2. YNAVI
Radio Continental
(Norte) Matagalpa
1140 Kilociclos</p> <p>3. YNAV2
Radio Continental
(Sur)
(Rivas) 1140 Kilociclos</p> | <p>4. YNAV3
Radio Continental
(Occidente)
(Chichigalpa) 1140 Kilociclos</p> <p>5. YNAVFM1
Radio Continental
(Managua) 104.1 Mhz.</p> <p>6. YNAV FM2
Radio Continental
(Las Nubes, El Crucero)
107.5 Mhz. - La más Poderosa
Estación de Frecuencia Modulada
de Centroamérica</p> |
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EL CENTRO Y TODO PUNTO CARDINAL TIENE SU CONTINENTAL

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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