



# DX<sup>ENG</sup> Monitor

Devoted Exclusively to  
Broadcast Band DXing

April 16, 1983

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Once again, this issue is being put together by Phil, as Bruce is busy on call in Utah again. As a matter of fact, I spent 3 days in Minneapolis last week, so not much progress has been made on reprints, etc, however, I did get a chance to do some New Member Packet revising during some spare moments.

## FLASH TIPS

Steve Mittman reports: "The boss is back! Friday 4/1/83, 12 noon PLT, 93 KHJ, Los Angeles, returned to rock (T40/oldies), and basically sounds as they did in the 60's, complete with old jingles, slogans, etc. Full details in WDXR."

Brad Lovett, 421 E. College St., Coldwater, OH 45828 tells us: "The Miami Valley DX Club will be sponsoring an all-wave DX Get-together for those attending the Dayton Hamvention. This will be Sunday, May 1st at 10AM EDT, at the HARA arena center. We'd like to cordially invite all IRCA members who will be at the Hamvention to attend. We hope to make this an annual event."

From Greg Coe comes word that KTNT-1400, Tacoma, WA, has changed calls to KPMA, named originally by a major stockholder who pulled out, for Positive Mental Attitude. The person apparently owns a seminar service that goes into businesses and attempts to create a P.M.A! KPMA is now owned by the Atchinson family of Everett, and will stay with the same format, at least for a while. Greg also mentions that KMO-1360 has changed format to a contemporary Top 60 and is promoting themselves as AM Tacoma (applied for KAMT)!

KXA-770 has changed from oldies to religion, in an effort, I presume, to get back on an even keel financially. The first day of religious broadcast (satellite relay I believe) was April 11, 1983.

Skip Arey WB2GHA, 104 West Franklin Ave., Edgewater Park, NJ 08010, has started an "R390 Users Group", and has published his first bulletin. This new organization is intended to be a newsletter for URR users and will contain various articles on modification, use, sales, etc. Current dues are \$5.00 per year, and can be sent to Skip at the address above.

Speaking of new clubs, I have started a local DX Club, the Pacific Northwest, British Columbia DX Club (PNBCDC) in an effort to keep DXers here locally up to date on station news, get-togethers, and other items strictly of a local nature. Dues are currently SASE's, one per bulletin. I've published several issues and intend to put one out every other month or so. If you're interested drop me a line at: 9705 Mary N.W., Seattle 98117.

Now is the time to start making plans to attend IRCA's national Convention this summer. Where? In Seattle. When? July 1-4 weekend. How? To register, check out page 42 of this issue for a start, get in contact with Bruce or myself, and you're all set. When we had the convention here in 1974, everyone had a great time. I will, once again, be auctioning off all sorts of stuff. I already have a stack of old bulletins/WRTVH's/logs, and quite a bit of other stuff on hand. If you can't come, and would like to donate something to the club as an auction item, please send it to me at the address above. I have lots of room in my new house to store stuff. Also, if you happen to have 50 or so promotional items lying around, I could use them to stuff the goodie bags I'm preparing for the attendees. If not, come to the convention and see what stuff I do get! ...pb

# 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 10pm(PLT)--no collect calls

DEADLINES: Tuesdays April 26, May 17, June 14, July 12, August 9

REPORTERS FOR THIS ISSUE:

- (WB) Mark Bixby-DX'ing from Murray, UT  
Zenith Transoceanic, wedge
- (EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233  
IC-R70, Sanserino loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138  
SP-600-JX, 1500' east Beverage (2), 200' NE wire ground system
- (SMM) Steve Wittman-2248 West 37th Street-San Pedro, CA 90732  
Realistic TRF, 3' wedge
- (DP) Dale Park-2253 Kanealii Avenue-Honolulu, HI 96813  
ICF-6700, 8.5m longwire
- (AWP) Art Peterson-851 31st Street-Richmond, CA 94804  
PR1-7, Radio West loop, 300' longwire
- (JW) John Wallace Jr.-24902 Altamira Dr.-Laguna Hills, CA 92653  
PRG-7700, 600' wire in SW direction (terminated), homemade  
MW tuner, 20' shortwire
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE Superadio, GE long-range portable, SM-2

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OF SPECIAL INTEREST:

- 1540 KMFO CA, Aptos-Capitola per on-air annt., will become the "Talk of The Bay" soon, so call change back to KKAP may occur then. Currently still all nx, CNN network. (RW-CA)
- \*\*\*\*\*
- 530 KRNB4 CA, Los Angeles Int'l Airport 3/31 1320 hrd in my car driving through the streets of Laguna Hills. Good reception! (JW-CA)
- 540 ?KNOE? LA, Monroe-W. Monroe 3/28 0310-0330+ tent. on tape w/C&W, one TC hrd of "20 after 2", which would be CST. OM DJ. Can anyone decipher tape for me w/a good filter? (RW-CA)
- 550 KOY AZ, Phoenix 3/17 2209 poor w/promo for KOY Weekend Magazine. (KAFY) CA, Bakersfield 3/28 0300-0338 totally off this period. (MB-UT) S/on annt. at 0338, back into RS. (RW-CA)
- KARI WA, Blaine 3/28 0510-0516 finally hrd after 2 years in KAFY/KOY null, KBOW off. Don Gossett program, into program called "Nighttalk", a relig. call-in program. Great signal. New. (RW) CO, Denver 3/29 0532 C&W mx, DJ said 28 degrees in Denver, ID at 0532. Fair w/KSFO. (JW-CA)
- 570 KLIB UT, Salt Lake City 3/16 2337 xlnt w/bf1 mx, "Club 57" IDs.
- 590 KID ID, Idaho Falls 3/17 2217 poor w/C&W mx, "K-I-D" (MB-UT) IDs. (MB-UT)
- ?KSUB? UT, Cedar City 3/17 2211 poor w/nx about UT cable TV censorship laws. (MB-UT)
- 600 \*KOGO\* CA, San Diego 3/21 0301 w/TT. (RW-CA)
- 610 ?KFR? CA, San Francisco 11/24 0510 poor w/Hall & Oates tune, OM DJ Talking so fast I missed ID; Seger & Gaye songs. KKUA-600 QRM, heavy noise, deep fades. (DP-HI)
- KVNU UT, Logan 3/17 2220 poor w/song "Do You Really Want To Hurt Me?", 2224 ID as "61 K-V-N-U". (MB-UT)
- 630 KZJO UT, Sandy 3/17 2226 xlnt w/tele-talk about St. Patrick's Day, phone # 264-TALK. "K-Z-J-O, Direct Connection" jingle 2227.(MB)
- 640 KFI CA, Los Angeles 3/17 2228 poor-fair w/spot for Passover specials at Hughes Markets. (MB-UT)
- 650 KORL HI, Honolulu 3/23 0341 xlnt in passing w/MYL. (EH-WA)
- 680 (KNBR) CA, San Francisco 3/21 0318 & 3/20 0425 totally off. 3/28 0302 totally off; back on ET'ing of & on until 0749. Why didn't they wait till 0800 so I could hear KFAM!! (RW-CA)
- 690 KZKZ AZ, Flagstaff 3/28 0500 in well & alone w/KNBR-680 & XETRA-690 both off!! New. (AWP-CA)
- KRCO OR, Prineville 3/16 2102 good in XETRA/KNBR-680 null while looking for KBLI. Wx for eastern Oregon. No sign of CBU. (RW)
- XETRA BGN, Tijuana 11/1 0622 poor w/out KKUA. Comodores "Easy" noted between KKUA ET's. Heavy buzzing noise, JOAB-693 het.(DP)

690 (XETRA) BCN, Tijuana Fr 3/25 noted off 0035 as I was setting my clock-radio alarm. Numerous weak unIDs hrd (disco--KKUA?; classical--CUBU?). OC popped on 0051, then into Yamaha ad 30 sec. later. Alarm went off 0730 (got up early to go skiing), & 4 min. later the Mighty 690 suddenly went off again! This time KHEY was in strong. Still off at 0750, but on again at 0810 recheck. Had they gone off just 4 min. earlier, my radio would have clicked on & I would have kept right on sleeping, hi! (SMM-CA)

730 KTRQ WA, Ephrata 3/23 0958 good w/relig. program, ID w/ment. of KTRW-FM. (EH-WA)

CKLG BC, Vancouver 3/29 0639 rock mx; poor to fair reception. (JW-CA)

780 \*KROW\* NV, Reno 3/28 0532 noted w/TT. (RW-CA)

790 KABC CA, Los Angeles 11/1 0630-0649 very poor w/Tom Hall talk show. Amer. Land & Title PSA, Hilly Rose promo, political spots. Heavy KIKI-830 QRM, heavy buzzing QRM. New. (DP-HI)

KGHL MT, Billings 3/17 2305 poor w/"K-G-H-L 790" ID, into C&W. (NB-UT)

KJRB WA, Spokane 3/23 2101 good in KABC null w/state nx, lost to KWIL. (RW-CA)

810 KGO CA, San Francisco 3/17 2306 fair w/nx about drunk driver ride service, "K-G-0 Newstalk Radio" jingle. Slop noted from 910-KALL! (MB-UT)

+3/26 1508 w/ads & call-in program. About time I got a long distance station at noontime! (JW-CA)

820 \*WBAP\* TX, Ft. Worth 3/26 0446 noted w/TT. (RW-CA)

830 KIKI HI, Honolulu 3/23 0423 good o/WCCO w/IDs by YL, rr mx. (EH-WA)

850 KGOE CA, Thousand Oaks 3/26 hrd fair, alone on freq. at 2200 w/ID. Later only KHL0 on freq. (PM-OR)

910 KALL UT, Salt Lake City 3/17 2312 xlint w/spot for "The Artist Corner", into basketball pre-game show. (MB-UT)

950 KOZE ID, Lewiston 3/17 0430 great signal way o/KJR in XEGM null w/"4-K" nx, "95, KOZE" ID. Good cx to that area tonite. (RW-CA)

+3/23 0938 good in KJR null w/nx, farm report, rr mx, IDs. (EH-WA)

?KMTX? MT, Helena 3/17 2324 poor-fair w/bfl mx, IDs as "95", ments of "here in Montana". (MB-UT)

960 KDOT UT, Provo 3/17 2333 poor w/spot for the American Energy Expo, into Paul Simon mx. (MB-UT)

990 KKIS CA, Pittsburg 11/24 0145 very poor w/ads for car dealer and Concord Shell station, OM DJ w/FSA, PST TC. Increasing electrical static, station weakening. (DP-HI)

1020 (KTNQ) CA, Los Angeles 3/16 0414 off w/OC. (RW-CA)

1030 WY, Casper 3/17 2346 good w/spot for Dos Banditos restaurant. (MB)

1060 KRSP UT, So. Salt Lake City 3/17 2347 xlint w/pop mx, "K-R-S-P, Clutter Free" slogans. (MB-UT)

1090 KING WA, Seattle 11/24 0216 very poor w/ID & theme of CNN Headline News, WTBS "Bob Newhart" promo. Briefly o/XEPRS, then faded out. Heavy QRM/QRN. New. (DP-HI)

1100 KREX CO, Grand Junction 3/17 2351 good w/Frank Sinatra song. (MB-UT)

1110 KRLA CA, Pasadena 3/18 2225 fair w/"K-R-L-A" ID, into spot for a Mexican rodeo at the Pico Rivera Sports Arena. (MB-UT)

1120 KPNW OR, Eugene-Springfield 11/24 0104 poor-fair w/ABC nx, OR wx, ad for Cottage Grove truck stop, "Talknet" w/Sally Jessy Raphael. QRM from KHEI-1110, thunder QRM. New. (DP-HI)

(KPNW) 3/21 0329 totally off. (RW-CA)

1130 CKWX BC, Vancouver 11/24 0210 very poor, poor. OM interviewing two guests and playing their LP. O/u co-channel KSDO w/lots of static. New. (DP-HI)

1140 KMJJ NV, N. Las Vegas 3/18 2233 fair-good w/"Magic is 11, K-M-J-J" jingle, into Styx song. (MB-UT)

1160 KSL UT, Salt Lake City 3/18 2234 xlint w/spot for Cycle Center in Ogden. Spurs noted w/fair strength on 1120, 1200. (MB-UT)

?1170? KDYI UT, ?Toole? 3/18 2239 poor in KSL-1160 slop w/Utah nx, "K-D-Y-L Newsradio" IDs. When did they move from 990? (MB-UT) (According to Bill, they are on 1280, Salt Lake City, ex-KWMS! Toole-990 is now KYLE. This must be a local image of some sort. Maybe on 1180 mixing w/KPRQ-1230?--NH)

1180 WHAM NY, Rochester 3/24 0417 good w/KOFI, IDs by YL into MOR. (EH-WA)

1190 KRDS AZ, Tolleson 3/18 2248 fair-nil w/"K-R-D-S" ID, DJ Mary Isabel, into Christian pop mx song "Why Does The Devil Have All The Good Music?". (MB-UT)

KEZY CA, Anaheim Sa 3/19 has finally turned on their CNN feed & carries it evenings & all day on the weekends (w/local inserts).

KEX OR, Portland 11/24 0050 poor w/local ad, "Northwest (SMM-CA) At Night" discussing MX missiles; white noise, deep fades. (DP)

1210 KGYN OK, Guymon 3/18 2305 poor w/obituaries & funerals nx. (MB-UT)

1230 KXO CA, El Centro 3/25 2121 just briefly o/mess w/ad for markets in Brawley & Calexico, another local spot, lost quickly to KPRL. New, last CA 1230 stn needed, #34 on freq. (RW-CA)

?KPRQ? UT, Murray 3/18 2310 xlint w/spot for Valley Banks, into hockey game. (MB-UT)

1240 KPRB OR, Redmond 3/27 1034 fair o/mess w/C&W mx, spots. (PM-OR)

1250 KTMS CA, Santa Barbara 3/26 fair o/KKFX w/NBC nx at 2300. (PM-OR)

1280 ?KDYL? UT, Salt Lake City 3/18 2316 xlint w/spot for JB's Restaurant, into old Jack Benny tape, 2325 pgm ID as "The Comedy Store." (MB-UT) (Note correct calls.--NH)

1290 KCUB AZ, Tucson 3/21 w/C&W mx, K-Cub IDs at 0405. Fair, KGVQ QRM.(PM)

KOWB WY, Laramie 3/22 0205 freak fade-up w/blip ID u/KHSL, 1st time ever hrd on night pattern. (RW-CA)

1320 KCPX UT, Salt Lake City 3/18 2327 xlint w/pop mx. Spur noted on 1240. (MB-UT)

1330 KFH KS, Wichita 3/18 0205 poor briefly o/KFAC w/ID, KGAK f/c also in there, in KUPL null. Rarely hrd here. (RW-CA)

1340 KATA CA, Arcata 3/25 0718 good w/IDs, rr mx. (EH-WA)

1370 KSOP UT, South Salt Lake City 3/18 2329 xlint w/C&W mx, "Country K-S-O-P" ID. (MB-UT)

1400 KSUN AZ, Phoenix 0723 good reception. "This is Talkradio KSUN Phoenix" ID. This is a 250 watt GY stn. (JW-CA) (Date?--NH)

KDRG MT, Deer Lodge 3/24 briefly on top w/rr mx at spots 0050. New. (PM-OR)

KIVR OR, Cave Junction 3/28 0835 fair u/KRE w/local wx. Hrd poss. ment. of "Wallowa Valley," clear jingle ID "K-I-V-R, AM 14-hundred," then lost by 0837. New. (RW-CA)

1410 KVEG NV, N. Las Vegas 3/18 2333 poor w/"Stay with 1410, K-V-E-3" jingle, into C&W mx. (MB-UT)

KCNR OR, Portland 3/23 0903 very good in CFUN null w/nx, wx, IDs into rr mx. (EH-WA)

1420 ?KITI? WA, Centralia-Chehalis 3/28 0500 tent. w/blip ID way u/KUJ in KSTN null, are they 24 hours? (RW-CA) (Yes but irregular SP's on MM.--NH)

1430 KLO UT, Ogden 3/18 2341 good w/Bing Crosby song, "K-I-O" IDs.(MB-UT)

1440 WGEN IL, Quincy 3/28 0630 briefly o/GY on channel w/s/on w/SSB, details w/ment. of "105.1 MHz," (WGEN's FM) into "Lord's Prayer," lost to KUHL/KODL etc. New, was looking for KSKX which wasn't heard! (RW-CA)

1450 KONE NV, Reno 3/25 0735 briefly w/Ae nx, ID by YL. (EH-WA)

KEYY UT, Provo-Orem 3/25 0732 fair w/nx, ID, then sounded like EZL mx. (EH-WA)

1460 KENO NV, Las Vegas 3/18 2346 poor w/"1460 K-E-N-O" jingle, into C&W mx. (MB-UT)

1470 ?CJVB? BC, Vancouver 11/24 0135 Chinese very poor. Chinese drama w/OK & YL, both sounding angry. O/u unID, ripple fading. (DP-HI)

1490 CJPR AB, Crownest Pass 3/23 0440 briefly w/ment. of twins CJOC-1220 and CJEV-1340; into C&W mx. (EH-WA)

1500 KROQ CA, Burbank 3/18 2357 poor - fair w/SS format, EE ID "K-R-O-Q AM in Burbank" at 0001. (MB-UT)

1510 KGA WA, Spokane 11/24 0131 very poor w/Dolly Parton tune, Don Owens did TC, more country mx. Heavy white noise static. New. (DP-HI)

1520 KACY CA, Port Hueneme Sa 3/19 1459:50 "Celebrating our 25 years of service to Ventura & Santa Barbara Counties--KACY, Port Hueneme." Into Mutual nx. (New top-of-the-hour carriage.) Also, KACY-FM Oxnard has become KACQ (Q-105). (SMMW-CA)

1530 KFBK CA, Sacramento 11/24 0106 very poor w/"Talknet's" Sally discussing turkey dinners during local blackout; white noise static. Padding, in & out. New. (DP-HI)

1550 KRG0 UT, West Valley City 3/19 0011 xlint w/spot for Cook Lumber, "Cargo" ID, into C&W mx. (MB-UT)

1560 KPMC CA, Bakersfield 3/7 0700 s/on anct., SSB, to SS program.(AWP-CA)

1610 WXX790 AZ, Phoenix Sky Harbor Airport TIS, 3/28 0357-0440 about 25% readable. Thought this was a closer TIS until I hrd airline names. Really blew me away when I hrd "Welcome to Sky Harbor Int'l Airport" ID!! 650 miles on 10 watts--not bad! (AWP-CA)

March f/c's heard:

3rd Tu KOLY-1300 SD 0100-0115 (RW-CA)

3rd Fr KGAK-1330 NM 0200-0215 (RW-CA)

3rd MM KEDD-1550 KS 0100-0115 tentative (RW-CA)

March f/c's not heard:

3rd Fr KRTN-1490 NM 0215-0230 (RW-CA)  
3rd MM KGTO-1050 OK 0100-0115 (RW-CA)  
KQNK-1530 KS 0100-0115 (RW-CA)  
4th MM KFLA-1310 KS 0545-0600 (RW-CA)

UNID's:

630 Music of Your Life at 0544 3/29. Poor reception, fading due to KFI-640 splatter. Could this be KHOW Denver, CO? (JW-CA) (How about KIDO, Boise, Idaho?--NH)  
1420 3/28 0658 unID popping thru KSTN. Only hrd a ment. of "North Texas," then lost to XEXX OC. Could be KLNK, or a few others. XEXX must be off freq., they put a bad het-type noise on 1430 at night, and on 1420 after they s/off but leave their OC on like XERCN. (RW-CA)

Welcome to WDXR, Dale. Usually we don't include loggings over a month old, but we made an exception to include Dale's unusual DX during Hurricane Iwa, which knocked most Hawaiian stations off the air. It's nice to have a reporter in the Islands. Report often! ♡

Robert Kramer

6416 N. Richmond

Chicago, IL 60645

## CENTRAL DX ROUNDUP

UnIDed, SPECIAL, CHANGES, et. al.

770 KJCB LA LAFAYETTE, 3/2 0000 loud signal, R&B mx & OM DJ, too much QRM for possitive ID. CG-TX  
1280 WGSot LA NEW ORLEANS, 3/29 2035 poor, sounded like WGXL, sports pgm, discussion about major league ball in Superdome. SMCK-IL

All da Rest

600 KCLS AZ FLAGSTAFF, 3/27 0302 poor w/S/Off, SSB & more of S/Off. RK-IL  
610 WIOD FL MIAMI, 3/2 0105 promos, PSAs, spots, into NBC Talknet, excellent-fair signals o/u WDAF & UnIDeds. CG-TX  
610 WDAF MO KANSAS CITY, 3/21 2145 ID as "61 Country" u/WREB slop, w/C&W mx, fair. TB  
620 KTAR AZ PHOENIX, 3/27 0259 good w/PSA & ID in WJMJ null. RK-IL  
870 KJIM TX FORT WORTH, 3/19 poor U/WWL on EF W/TT & ID 0150-0202. JC-IL  
910 KIKM TX SHERMAN, 3/20 0045 fair w/Contest promo into rck mx. SMCK-IL  
920 KDHL MN FARBAULT, 3/24 2145 fair but dominant w/H.S. BKB game. SMCK-IL  
950 KPRC TX HOUSTON, 3/27 0025 fair o/mess Rockets BKB game. SMCK-IL  
1000 WXTN MS LEXINGTON, 3/21 1915 S/Off fair U/WCFL. TB-TN  
1020 KBCQ NM ROSWEIL, 3/26 0145 fair w/Comtemp. Christian mx & ID, KDKA off. Got um again the next night at S/Off, this time KDKA was on reg. sked. RK-IL  
1030 WBDX TN WHITE BLUFF, 3/24 2300 fair, mx & wx, no sign of WBZ. SMCK-IL  
1270 WHBF IL ROCK ISLAND, 3/21 2120 ID, mx all alone. TB-TN  
1410 WING OH DAYTON, 3/21 2109 ID, spots, quickly faded. TB-TN  
1560 KPMC CA BAKERSFIELD, 3/25 0205 poor w/ID, wx u/UnIDed OC. RK-IL  
1600 WXVI AL MONTGOMERY, 3/21 2130 soul mx, ID. TB-TN

HAVE APPOINTMENTS WITH IRS:

TB.... Tom Butas 5083 Skippy Dr. Memphis, TN 38116  
(FRG-7, LW)  
JC.... John Clemmer 4524 7th East Moline, IL 61244  
CG.... Charles George 6407 Howard Dallas, TX 75227  
(1942 RCA Rx, LW, SM-2)  
RK.... Welfare Mother  
(R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop)  
SMCK.. Sam McKee 12 Southern Dr. Decatur, IL 62521  
(RF-2200, Superadio)

CADX SPRING GET TOGETHER

The 13th annual Chicago Area DXers Spring Get Together will be held June 3-5 at the residence of the CADX editor. For more info call 1-(312)-262-6299. There will be the annual whiffle ball game plus other added treats, including a Monty Python film festival on June 4.

\* **KAYO** AM  
1450  
FM  
99.3\* **KJMD**

P. O. Box 188  
Aberdeen, WA 98520  
(206) 532-1450

# EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadlines: 4/23, 5/14, 6/11, 7/9

- 550 WKRC OH Cincinnati, 3/13 0210 weak in KTSA null, ID as "55 KRC", hrd promo for memories of the past, mx. (JP-GA)
- 560 WQAM FL Miami, 3/14 0154 weak, ID's as "Sun Country WQAM". C&W mx. (JP-GA)
- WJLS WV Beckley, 3/14 0150 weak w/ WQAM & stn TT. Hrd Dave Wise w/ sports, C&W mx. (JP-GA)
- 730 WARB LA Covington, 3/9 1915 very weak, hrd end of a rlgs pgm, s/off, no SSB. (JP-GA)
- 950 WYWY KY Barbourville, 3/12 1845 fair w/ WSPA, hrd s/off, no SSB. (JP-GA)
- 1050 WJSB FL Crestview, 3/12 1847 good, hrd a WJSB/WAAZ rx promo, spot for Fred's Showcase, PSA. (JP-GA)
- WROS FL Jacksonville, 3/23 1830 s/off by m w/ ment of Jacksonville. Fair. (WPT-DC)
- 1060\*WKNG\*GA\* Talapoosa, 3/13 0013 good, ID as "This is WKNG conducting proof of performance tests". TT. o/KYW,WNOE. (JP-GA)
- 1220 WMDC MS Hazelhurst, 3/9 1945-2000 hrd C&W mx, spot for Gold Bond baby chicks, ID as "WMDC and FM 101", hrd rx from RKO. Weak, QRM from Cuba, wx related static. (I think they forgot to hit the button.) (JP-GA)
- 1230 WXLI GA Dublin, 3/6 1805 fair w/ NBC rx, GA net rx, then sports. Dominant stn till 1820. (JP-GA)
- 1250 WTAE PA Pittsburgh, 3/11 0005 QRM from WTMA, WDAE. Hrd wx from WTAE wx center, end of nx. (JP-GA)
- 1260 WDKN TN Dickson, 3/6 1900 hrd s/off, no SSB, weak signal. (JP-GA)
- 1320 WLGM VA Lynchburg, 3/30 1820 spot for local church, ID by m. Fair. (WPT-DC)
- 1340 WOKE SC Charleston, 3/15 0152 weak, hrd ID as WOKE faintly above the confusion. Into GY pile. (JP-GA)
- WTIF GA Tifton, 3/15 2059 C&W mx, wx, ID into CBS rx. Weak but understandable. (JP-GA)
- 1360 WKAT FL Miami Beach, 1927 3/20 fair, promo for "Win while you work" from WKAT. Hrd Fibber McGee and Molly show. (JP-GA)
- 1380 WGUS GA Augusta, 3/20 1747 w/ WAOK, WRAQ nulled, talked of a WGUS promotion, C&W mx. (JP-GA)
- WRAQ NC Asheville, 3/20 1745 fair w/ ID's, gospel mx. (JP-GA)
- 1390 WHBB SC Belton, 3/20 1731 fair, ID as "You're in tune w/ Christian Radio, WHBB Belton, SC". ABC rx. (JP-GA)
- 1420 WACT AL Tuscaloosa, 3/20 1854 fair, talked about next day's programming, ID as "14-20 WACT, everything radio should be". (JP-GA)
- 1430 WQPD FL Lakeland, 3/12 0141 w/ WIRE, WNKZ, mx by the Dirt Band, ID's, MoR mx, m ancr. (JP-GA)
- 1490 WDXB TN Chattanooga, 3/15 0147 good at times, jingle as "AM 1490 WDXB", f ancr, promo for Ralph Emery show. (JP-GA)
- 1520 WSVL IN Shelbyville, 3/20 0710 weak, hrd local rx, spot for Farmers Mutual Exchange Bank. (JP-GA)
- 1530<sup>t</sup>KFBK CA Sacramento, 0151 3/22 very very weak, way u/ WCKY. No ID was hrd, but definately hrd Talknet, hrd Sally Jessy Raphael give the Talknet phone number. (What else could it be?) (JP-GA) (I suppose there is a slight chance it might be KUUY from WY, if that stn is on the air. KFBK is the only stn on 1530 listed w/ Talknet in the new IRCA Almanac but I wouldn't feel too confident ID'ing a station only by a network.--ed)
- 1540 WRSM AL Sumiton, 3/12 1900 fair, s/off w/ no SSB or NA. (JP-GA)
- 1560 WPAD KY Paducah, 3/15 0101 fair, announced they were leaving the air for maintenance, back at 0120. QRM from WQXR. (JP-GA)
- 1580 KLOU LA Lake Charles, 3/14 0225 fair, promo for your favorite mx on KLOU. F ancr, WCLS off. (JP-GA)

## DX Test

1000 WMPZ GA Soperton, 3/28 0015-0025 ETing w/ TT & martial mx. Talked w/ CE. Fair in null of WCFL. (WPT-DC)

WPT - Bill Townshend, Wash., DC

JP - Jim Paige, Winder, GA



# TOP END

APRIL 1983

A Monthly Column of Loggings  
Information and Discussions  
of the 1600-1800 kHz Range.  
Times: GMT, Next Deadline: 4-30

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

Via Vincent Pinto: Some corrections on the 1622 SNC station. The Zip Code should be 20036. Call is "WJZ-TV", not "WJZ-PB". Antenna is a 19.4' center loaded vertical at 122' above ground. A 100 watt LPB xmtr is used. Bill Harms was told by Joe King at SNC that the nominal range is 6 miles. Joe will verify reports, as will Glenn Lahman, Engineer-in-charge. From what Vincent says, the FCC monitoring HQ in DC was very suprised to find this station a block away from their office. One hand not only doesn't know what the other does, but isn't sure it's a part of the same body.

Help Wanted: A list of TIS stations is being compiled by Ken Stryker and Terry Krueger. Any info on: frequency, call, location, power and address will be appreciated. Send to: Ken Stryker; 6350 N. Hoyne, Apt 202; Chicago, IL; 60659.....

- 1622 DC Washington-WJZ-TV Heard less often lately, apparently not on unless needed. Stan notes a pirate using the WJZ call was heard a few months ago around 1622. Strange coincidence. Bill Harms says WJZ-TV is heard fairly well in Laurel, MD.
- 1628.5 ???-0520 3-31 Cricket. Heard well most nights. (Healy)
- 1646.5 ???-0525 3-31 Another cricket. Heard well most nights. (Healy)
- 1651.7 Chesapeake Bay (somewhere) (no time/date) A Loran-type station licensed to a Teledon Corp. Good signals, monotonous drone for audio. (Harms) Better than some of my locals....ed
- 1746 ???-0242 (no date) Signal peaked along 109°190<sup>a</sup> bearing +25° (Frodge)
- 1751a ???-1055-1300, 3-7 4ROS (#, 3 letters in code) Good at first, better later. Strange format: ID for 30 sec., open carrier for 4.5 min. The ID itself was followed by a 1.5 sec. pause and a 1.5 sec. dash. Would have missed it but tuned by at ID time. Suspect it is out in the Pacific north of the equator due to the pattern of prop. on 1557 kHz at the time. (Peterson)
- 1752a ???-1300 3-7 012 (Letter, #, # in code) Weak. About half the strength of 4ROS and identical format. Fade in suggests this is farther west than the other. (Peterson)
- 1783 ???-0239 (no date) 30 pips/min. station peaked (looped) along 150/330° bearing, ± 10°. (Frodge)
- 1783 ???-0448 3-20 and every night. 30 pips/min. Sounds like the Chinese water torture of the airwaves. (Healy)

Credits, in the order I've listed them:

- Bill Harms-Laurel, MD RF-3100
  - Harold Frodge-Midland, MI DX-302, loop
  - Art Peterson-Richmond, CA Modified FRG-7, 300' LW in a square layout
  - C.M. (Stan) Stanbury-Ridgeway, ON HQ-200, 200' LW
  - Craig Healy-Pawtucket, RI Modified R7A, 125' LW, loop, 25' vertical
- And other, much appreciated correspondence from:
- Charles Harrison- Lincoln, RI
  - Conrad Durocher- On-the-road-again, US
  - Vincent Pinto- Suffern, NY

The composite bandscan will be in the next column, so please try to do one before you put the equipment away for the summer. Thanks!

I was reading through a back issue of "QST" (March 81) and came across an interesting note. Amateurs in Denmark may use 10 watts CW from 1720-1740 kHz. It's a long shot, but any non-beacon type CW within those frequencies may be TA in origin.



## the irca technical column

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

In keeping with the Tech column running articles and reviews asked for in the membership survey, here's another:

### The GE Superadio/Cassette #3-5280B

by Michael A. Sapp

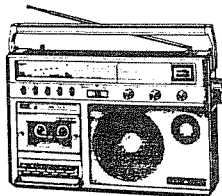
Most DXers use a tape recorder while DXing. They may keep a tape as proof of reception or send tape reports with their verification requests, while still others just keep the recorder going to play back the tape in case an ID was missed. Other DXers listen remotely, while they sleep or are away, and listen to the tape later.

Also, most DXers use at least one portable receiver. Wouldn't it be nice if there was a high quality receiver that was combined with a cassette recorder? There are many radio/cassette recorder combinations around. The question that the DXer asks is, what about the BCB section? In my experience most AM/FM cassette recorders have terrible BCB sections. Some of those giant, high audio power portables do have an RF amp on the BCB, and they are fairly sensitive, but the selectivity is wide as the proverbial barn door.

The General Electric Model 3-5280B, Superadio/Cassette, is the only one I'm aware of that is good on BCB. I have owned the receiver for about 14 months, and used it a lot, so I am going to try to pass along some comments about its ability and worth to the BCB DXer.

The circuit is basically a GE Superadio with a cassette recorder attached. Some of the features are as follows:

- Tuned RF stage on BCB as well as FM
- Air ganged tuning capacitor
- 7 7/8" ferrite rod antenna
- 4 IF tuned circuits on the BCB
- 5" woofer and 2" tweeter speakers
- Separate bass and treble controls as well as a loudness switch
- 5 segment LED signal strength, VU, and battery strength meter
- Digital tape counter
- Direct recording from the radio, built-in condenser mike, or external microphone.
- AM beat cancel oscillator switch
- Sleep feature
- CrO<sub>2</sub>/Normal tape select switch
- Operates on 6 "D" cells, 9v DC, or on 120 VAC, with detachable line cord
- Power output (10% THD): 2 watts minimum.
- AM Sensitivity @ 20 dB quieting: 130 uV/M
- Cassette S/N ratio: 44 dB



This receiver is no compact. It measures 15x11 $\frac{1}{2}$ x4 $\frac{1}{2}$ " with carrying handle up and weighs approximately 12 lbs. with 6 "D" cells. The set is done entirely in silver; the dial is silver with black markings with a silver pointer. A little black to set off the silver would have improved the looks.

#### Performance

Frequency Readout.....from 550 to 800 kHz the dial is marked every 100 kHz; from 800 to 1000 kHz it is marked every 200 kHz and from 1000 to 1600 kHz it is marked every 300 kHz. There is a logging scale with fifty marks for the length of the BCB. When properly aligned the dial pointer is accurate to marked points. Still it is very difficult to interpolate frequency closer than 50 kHz on the high end of the band. A digital LCD readout would be a big plus for this receiver.

Sensitivity.....In side by side comparisons with a 12-655 TRF and a Panasonic RF-2200, very little difference could be found in sensitivity. If there is a slight edge to any, the Superadio/Cassette is possibly superior. This apparent sensitivity may be due to the more powerful audio amplifier rather than the RF circuitry. I don't have a Superadio to compare it with, but the Superadio's 20 dB quieting figure is 150 uV/M while the Superadio/Cassette's is 130 uV/M. I haven't been able to equate the



20 dB quieting with the 10 dB S+N/N ratio more familiar to DXers, but to make it short, the sensitivity is as good, if not better, than the much talked about 12-655 TRF, which is certainly no slouch.

Nulling Ability.....The Superadio/Cassette is able to null stations slightly deeper than my TRF. While I do not have the facilities to measure this accurately, there were deeper nulls on my locals using the GE. Several semi-local stations were nulled completely with the Superadio/Cassette, while a little audio was detected with the TRF. The RF-2200 nulled similarly to the GE. Maybe the nulls of the TRF are slightly skewed in my unit as stations nulled in a slightly different direction from my Superadio/Cassette. The main problem with the GE is that it's just too big and bulky to rotate and tilt very easily.

Selectivity.....For selectivity the Superadio/Cassette uses 4 tuned IF transformers, and there is only one selectivity position. Most of the Panasonic and Sony portables use ceramic filters for selectivity, but GE's different philosophy seems to get the job done. While the GE's selectivity curve seems to be broader at the top than the RF-2200 or the TRF, it catches up at the edges as the sides seem to be steeper. The GE compares favorably with the TRF and the broad position of the RF-2200, but loses to the RF-2200's narrow position, though not by much. The domestics and the strong splits are fine on the current selectivity, but the tougher splits will require better selectivity. Adding a ceramic filter would be difficult, as a single integrated circuit houses the mixer, oscillator, IF amp, detector and audio preamp.

Audio.....The audio is clear and sharp. Having the flexibility of separate bass and treble controls helps tailor the sound to many DXing conditions. Power output is very strong. Even though the audio is good, two portables that I have used have better sounding audio in my opinion, the Panasonic RF-2600 and the Sony TFM-1600.

General.....No spurs, whistles, images, or shortwave feedthrough have been noted, even when using an untuned long wire antenna at this location (Woodbridge, VA). The receiver does not seem to overload easily.

There are 3 screw terminals on the back of the receiver for external antennas, one AM, one FM, while the center is common to both. I have had good success using the Radio West loop and the SM-2 with the GE. An untuned random wire and the DA-100 active antenna also couple well through the external antenna terminals. The nulls with an external loop attached to the terminals are pretty good for a poorly shielded plastic body portable.

The five segment LED signal strength meter is useless as it comes. It will only light up on super strong stations. This does not help in nulling. There is a trimpot to adjust the meter which I used, which helped its sensitivity a little, but there is still no registering on weak stations. Give me an old fashioned meter anytime.

The whip antenna is held at the swivel with a small Phillips head screw that constantly comes loose; the head gets stripped out with constant retightening. The antenna will not stay vertical when it gets loose--a minor inconvenience, but one nonetheless.

Knobs and cassette keys are on the front panel, not on top as is the case with a lot of machines. Battery life for the 6 "D" cells varies with how much recording is done. I recommend using alkaline batteries; recording will deplete general purpose batteries very quickly.

Cassette Recorder.....The cassette section is mono, but of good quality. The recordings off the radio are very clear and accurate reproductions. There is a two position AM beat cancel switch. This shifts the bias oscillator frequency, so that it does not make a beat note with the station you are recording on. One of the positions should cancel any beat note. On some stations however, the beat note is not completely cancelled. A switch to the CrO<sub>2</sub> type tape position will sometimes help this problem.

FM.....Although we are ECB only, I know many members DX FM also. I'll make a quick mention of the Superadio/Cassette's performance on that band. The FM section uses 3 IF transformers, and one ceramic filter, but even with this, the Panasonic RF-2200 and RF-2600 run rings around it in both sensitivity and selectivity. The RF-2200 has 3 filters while the RF-2600 has only 2 ceramic filters and a non-defeatable AFC, but it is

still a superior FM DX machine. The Superadio/Cassette does have switchable AFC and is fine for general listening, but it lacks the guts for FM DXing.

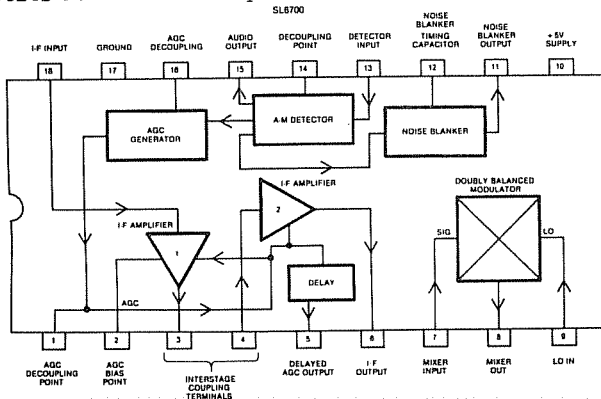
Overall.....There is now an updated model out, the 3-5280C, but I don't know what changes have been made. The Superadio/Cassette is a good performer and definitely has a place in the BCB DXer's equipment lineup. Many DXers use a portable as their main receiver, and this portable has many qualities to recommend it. Now if we could get the same performance from a downsized model. The Panasonic RX-1820 is a very compact AM/FM cassette recorder with an RF stage on the BCB! Maybe this could be the one....

\* \* \* \*

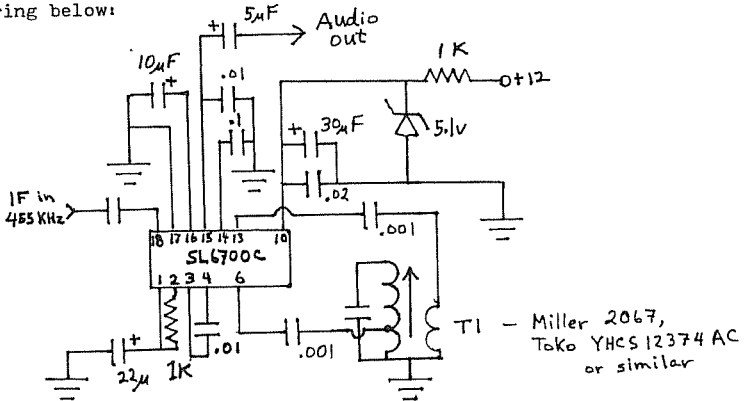
The Plessey SL6700 IF/detector IC

by NHP

The Plessey SL6700C IC contains a two stage IF amplifier with AGC, and an AM detector, as well as a noise blanker and double balanced modulator which can be used as a mixer, product detector or linear amplifier. All this in an 18 pin DIP which needs a power supply voltage of just 5 volts at a few milliamps---see the block diagram below:



Sounds like the answer to a receiver designer's prayer, and to a large degree it is. The SL6700 was featured in a receiver description article in QST of April 1981, and I took the circuit in that article, and combined it with a circuit described in the IC's spec sheet to come up with the wiring below:

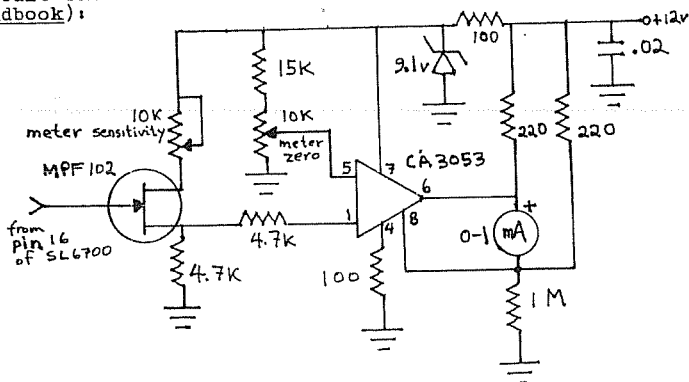


Although the manufacturer claims a possible gain of over 90 dB (!) from IF input to audio output in this IC, I didn't need all that gain. So I ignored the balanced modulator in the IC, which can be used as a linear amplifier if all possible gain is desired at one IF frequency (this device can also

be used in a dual conversion mode). Such a large amount of amplification points to a difficulty in using ICs such as this one. You have to wire the circuit very carefully with short lead lengths, and the circuit must be placed inside a metal box to avoid picking up and detecting signals from nearby transmitters---a one centimeter wire stub at pin 18 yielded all my locals at good volume. I mounted the IC and its peripheral components on a PC board and fitted it inside an aluminum mini-box with shielded leads for IF input and audio output and have heard no signals other than the desired 455 kHz ones, and have had no evidence of instability. Supply voltage should be no more than 7 volts, and 4.5 v is optimum, so go easy on the voltage supply. IF input impedance of the IC is given as 3 k $\Omega$  which makes it a good match for use with many of the 455 kHz IF filters available today. If you are going to use the IC with higher impedances (such as found in a tube radio) a source follower or similar matching device will be needed.

One problem noted by the QST article was that the IC "locked up" with a strong signal as input, i.e. the AGC action outdid itself and almost entirely suppressed the signal. If a good bit of amplification is used between the antenna and the SL6700, this problem could be quite irritating, as the IC could "lock up" on semi-locals. I reduced the recommended AGC decoupling capacitor at pin 16 from 100  $\mu$ F to 10  $\mu$ F (as shown in the above circuit) and this substitution solved the problem for the most part. The audio output lacks bass response if this capacitor is lower than 5  $\mu$ F however. Reduction in the value of the bypass capacitor at pin 1 also seems possible. Keep gain down before the SL6700!

The SL6700 circuit described above can be used in place of the ZN414 IF amp/detector IC used in the "Crudley-Bathbrush 26" described in DXM of Mar. 7/81 (IRCA reprint M24). Simply connect the IF filter output terminal to the input capacitor of the SL6700, and run the audio output of the IC to the top terminal of the audio gain control---but shield the circuit from at least the antenna input of the radio. As it stands, the S-meter circuit of the "C-B 26" is not suitable for the SL6700, so the circuit below can be substituted (it's from the 1976 Radio Amateur's Handbook):



The "meter zero" trimpot is used to set the meter at zero when no signal is coming in, while the "meter sensitivity" trimpot sets the meter at its maximum reading when you local is tuned in.

I found the combination of the SL6700 and the above S-meter circuit more satisfactory than the ZN414/741 combo in the original "C-B 26". AGC action was a great deal better than the ZN414's on strong signals (though RF attenuation still needed to be increased for locals), and audio quality was superior on all signals; better bass response and crisper treble---much easier to listen to. Audio output lacked the pure volume of the ZN414, but the audio amplifier made up any deficiency. The S-meter was also an improvement, as it showed shallow nulls on locals, yet was useful for direction finding on weak signals. In fact, I was impressed enough to transfer the IF amp/detector/S-meter set-up to my main homebrew receiver which uses tubes in the front end. The warm-up of the tubes in the receiver introduces variations in the S-meter circuit through component heating, but the problem is not serious once the temperature has stabilized.

Are there any problems with the SL6700? Well, I would prefer an AGC action that could be switched off, but I haven't figured that out using this IC. Using two ICs with the AGC loop running between the ICs might be one way to go, but instability could be a problem without any AGC. A schematic diagram of the internal workings of the device might help, but then again it might be too complex for the poor old brain to master. I suspect the AGC is audio derived, and it does have some problems handling heavy SAHs on a channel, so that the audio is not quite so readable as it might be on a stock TRF for example. Certainly, a more versatile IF amplifier/detector strip than that provided by the SL6700 would be possible to construct, but it would use a great many more components and involve much more work. The SL6700 circuit uses few components, takes up very little space, has a low power requirement, and provides plenty of gain as well as good audio fidelity. It's very useful in simple homebrew radios, and could be used in place of the IF/detector strips of some portable radios to provide greater gain, and to allow one to make the most of the interference rejection qualities of the better IF filters when they are used in such portables.

This is not a widely available IC in North America. The QST article suggested Circuit Board Specialists, Box 969, Pueblo, CO 81002. IRCA member Jim Hill, 3801 Palos Verdes Dr. N., Palos Verdes Estates, CA 90274 had found a supplier for this and other Plessey ICs at reasonable prices, but a combined order would be needed to bring it up to their \$25 minimum order. I got mine and a spec sheet from Ambit International, Brentwood, Essex CM14 4SG, England; they also have the Toko IF transformer specified in my circuit. Their cost for the IC is about US\$4, but postage could add another couple of dollars...their prices are in pounds of course.

If you do decide to work with this IC, let us know your results; I'll offer what assistance I can.

\* \* \* \* \*

#### Bits

--Radio West has introduced a monthly "Garage Sale" list of specially priced (demo, used, new) equipment. To get the monthly list, send SASE's for each month you want to receive it, to Radio West, 3417 Purer Rd., Escondido, CA 92025.

--From ANARC's "Marketplace Report" is word about two active audio filters from Daiwa. The AP-406K has a variable frequency notch filter with a variable width control, a peak filter with variable frequency and a choice of fixed widths, and fixed highpass and 3 low pass filters. The AP606K is similar but uses PLL circuitry to lock onto CW signals. They include a built in speaker but require 12-15v DC supply. U.S. importer is MCM Communications, 858 E. Congress Park DR., Centerville, OH 45459.

--And still on audio filters is a short article in Electronics (2/24/83) magazine which features ICs in a variable audio notch filter which features nearly 60 dB of suppression of an undesired audio pitch. The principal IC used is considerably more sophisticated than the op amps usually found in active audio filters. (Info from Bruce Portzer)

An interesting catalog was received here. A surplus house in California has a lot of real neat stuff, cheap. I've never dealt with them, or, for that matter, ever heard of them so buyer beware. Some samples of the line:

R-390 or R-390A (your choice)\$285. Several hundred available.

R-391 Same as R-390 with Autotune. \$350 "Lots in stock"

R-389 A few available for \$450

R-392 "Lots" 250 dollars

SP-600JX Hammarlund A couple available. \$400

They list many more HF,VHF, and UHF receivers, transmitters and parts. They are: Davilyn Corporation; 13406 Saticoy St.; North Hollywood, CA; 91605. Phone number is: 213-787-3334

(Info from Craig Healy)

# EASTERN DX FORUM

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

Reports from members living east of the Mississippi River

Deadlines: 4/23, 5/14, 6/11, 7/9, 8/6.

Niel J. Wolfish, 15 Donwoods Grove, Toronto, Ontario M4N 2X4

Most current sources of DX information (such as WRTH and NRC's DX Log) do not supply proper radio station format information. For those of you who might need some clarifications on Toronto area formats, this is for you: 590-CKEY Middle-of-the-Road with some talk; 680-CFTR Top-40/CHR (Current Hit Radio) depending heavily on the personality of John Records Landecker; 740-CBL CBC English; 860-CJBC CBC French; 1010-CFRB Middle-of-the-Road/Variety, throwing in classical at nights, and Argonaut Football; 1050-CHUM Rock/CHR, playing a harder mixture of hits than a typical T40 station, and adding in album cuts; 1430-CJCL Adult Contemporary/Talk, featuring Leaf hockey and Blue Jay baseball; 1540-CHIN Ethnic, but daytime only (so that Torontonians may tune in to KXEL at night). Now the suburban stations: 790-CKMW Adult Contemporary, relaying CFNY-FM (Alternative/New Wave Rock) at nights; 900-CHML Middle-of-the-Road with talk; 1150-CKOC Top 40/CHR; 1190-CJMR Middle-of-the-Road, but a daytimer only; 1250-CHWO Middle-of-the-Road, and ethnic at times also. 1280-CHAM Adult Contemporary; 1320-CFGM Country and Western; 1350-CKAR Top 40/CHR; 1390-CHOO Country and Western with some religion; 1480-CKAN Middle-of-the-Road. Hope this summary is useful to someone out there. 73s.

Richard E. Wood, College of Education, P. O. Box 959, Abha, Saudi Arabia

(Cont. from last issue)...And speaking of Africa, another new country was Ga-Rankuwa, in Bophutatswana, a South African Bantu homeland, 1098 at 2032 on 2/27, in Tswana, a Bantu language clearly different from, for example, Swahili, since it lacks the many Arabic loanwords of Swahili. If I ever hear an SABC station in South Africa proper, this will present me with a country-counting problem, as some clubs (such as NASWA, for SW), like all countries other than South Africa, do not recognize, e.g. Bophutatswana, as distinct from South Africa. The same problem would face me if I heard another Bantustan, e/g/ Transkei. More and more, these will be easier to hear than South Africa proper, as the SABC is gradually leaving MW, whereas the Bantustans are being used by commercial and religious broadcasters to hit the lucrative South African urban market. But Ga-Rankuwa, when I heard it, was non-commercial, cultural and, as I say, in the Tswana language. Lucky for me that my former local, Abha-1098, moved (now on 675), or I might not have heard this. Good strength from Nakuru, Kenya, 518, at 2030 2/27, was my beacon pointing to possible new Africans. 73.

Bill Townshend, 4500 Connecticut Ave NW, #901, Washington, D.C. 20008

202-966-8046. Sorry I blew it on the Cubans on 1040-1080; I got carried away; totals heard now stand at 1112. DXers in the DC area, especially those living near WWDC-1260's Xr, now get a break or at least a bend in the splatter since WWDC-AM has joined several others in going BBD on 3/2. Even at my pad relatively close to WWDC (4.5 miles), 1250 and 1270 are once again DX'able but I hear the usual pests. But the FM outlet is still Aor, much of it "chain-saw", however, it joins the lunch-time oldies free-for-all with WNAV-1430 and WPGC-1580. Thanks to phone calls from Tim Braun and Bill Harms, I claim one definite and two tentative loggings (KKA-1560 N.D., WMOB-840 Ala. and WTHU-1450 Md. (WOL was off the air)). Time for another SP. 73's and good DX.

Neil Kazaross, Hampshire Place, Apt. 307B, 45 Macy St., Amesbury, Mass. 01913

617-388-3868. This new apartment of ours is like DXing in a TV store! Well, anyhow, we won't be here forever. As long as the job situation works out for Laura & me here, we'll hopefully be in a house in the country in a year or so. My main DXing will be done at Narragansett, R.I. & also sometimes I'll go to the beaches in northern Mass or N.H. after work to DX with my modified TRF & MW1. It was nice to see that my FRG-7 w/2.9 kHz mech.filter, which was useless for MS DX in L.A., has no overloading problems at Narragansett, R.I. I still don't think that it's a whole lot better than my modTRF w/improved external antenna connections & transfilter mod to improve selectivity. I'll soon do a comparison & write a short article. However, the FRG-7 is every bit as good as the R390A on all SW bands. Another article I plan to do will compare the NRC 4' loop with the

(Kazaross, cont...) Sanserino Loop. First observations, w/the FRG-7 as rx, were interesting. The Loops seemed to have almost equal pick up in the daytime. The Sanserino provided slightly more signal & slightly more noise (due to super gain preamp-I presume). Once signals had reached normal nighttime levels, I noted the same approximate equality from distant DX. The main difference was that I noticed that the carriers from Dakar-765 & St. Kitts-825 faded in about 10-15 minutes earlier & were initially, (until about 15 minutes after first reception of audio) stronger on the big NRC Loop. The tuning on the NRC Loop is better than on the Sanserino Loop in my opinion. Spurs don't occur on the big loop when you are slightly mistuned nearly as often as they do on the small loop. Much more comparison time is necessary before I can reach a definitive conclusion about the two loops. Both air core loops, however are clearly superior to my two ferrite loops, the SM" & R. West 15" ferrite loop (MW1). I've decided that I'm going to buy an ICOM IC-R70 with a modification to allow the stock 2/3 kHz filter to be used on AM. George Hakiel's set has this mod and it is excellent for splits with the tight filter switch in, but mediocre at best with the stock 6 kHz AM filter. It's nice to see several receiver reviews lately, and I'd like to see more. If you have similar or different conclusions about some of the featured receivers or antennas, please, if time permits mention your observations in DXM. One thing that's important to remember is that different receivers work differently with different antennas. For example, my SM2 worked well with my HQ-180A but was quite insensitive with my R390A. Perhaps an impedance mismatch; I dunno. Also the same antenna or receiver will perform differently in different locations. I'm just trying to solicit some more interesting articles. 73's.

Karl J. Zuk, 154 Old Post Road North, Croton, New York 10520

I want to thank the staff of the new Almanac for using my cover photo of penguins listening to a Superadio. I also want to congratulate them on a fine job. It is a fine reference material. You should see one - it tells everything your station by frequency listing won't. Very complete, it told me things about ABC that I didn't know, and I work here! (No one every tells me anything.) I also want to apologize to our membership for mistakenly identifying the mysterious station on 1622 kHz as being a broadcast from Satellite News Channels in Stamford, Conn. Vincent Pinto claimed it was from Washington, D.C. in DXM 646, and is probably right. I assumed that it was from their headquarters in Conn. because these stations are usually quite low power and they would not be operating out of New York City because ABC TV does their coverage in this area, and they don't use MW frequencies. I broke the cardinal rule of "don't assume anything!". A million lashes with a stiff penguin flipper! I would also like to comment that I wish there could be some compromise and decision made about what goes into EDXF/CDXR/WDXR and "Top Hat". Why do Pirates go in one column and beacons and TIS stations go in both columns? Also, it is hard to read because the names on the listings are not followed by what state they're in. I think it is an idea that was long in coming, and support it, it just needs slight refinement. Thanks and 73.

Phil Bytheway, 9705 Mary N.W., Seattle, WA 98117

Thought I'd tack on some recent thoughts here. Since about August 1982, I have been DXing using a cassette tape recorder and a timer with my R-390A. The first timer I used was a gutted clock radio, that was converted to turn on an outlet, which I plugged my tape recorder into. This was a old-time clock radio, so it actually switched the 110 AC. However, it only turned the outlet "on", so I had to use an auto-shut off recorder. I'd put a C-90 tape in and set it to turn on at around ten minutes to the hour. This would catch 3 good SRS times. Unfortunately, the accuracy of the needle point setting left a lot to be desired, as it would turn on anywhere from xx46 to xx55, depending on how I set it. For a while it was tolerable. Then, sometime in the latter part of the year, Roy Miller told me about the AMF Paragon "Time Command" series timers, which allow turn on/off every 15 minutes. So, I phoned the AMF folks and received a couple of 'evaluation samples'. This timer proved to be just what the doctor ordered. It was extremely accurate, once set, and allowed me to turn on/off my tape recorder within 10 seconds of the time I had set. So, I set it up so that the 15 minute marks were at xx10, xx25, xx40 and xx55. To turn it 'on' all that was necessary was to pull out a tab. Doing so didn't even cause the time keeper in the thing to change, as can easily happen when one does so with other timers. Now I can turn on my tape recorder on the hour to catch s/ons etc, or listen for a f/c at a certain time. It is not even essential to use an auto-shut off recorder. The small wall plug-in model can handle my reel-to-reel tape recorder quite easily. I soldered a line cord to the prongs on the back so I can have the timer at my fingertips while I'm setting up. I must admit, I'd rather be at the dials, but since graduating from college, getting married (cont on p. 15)



# Western DX Forum

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IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 1632 J St., #4, Eureka, CA 95501

DEADLINES: 05 & 26 APRIL, 17 MAY, 14 JUNE, 10 JULY, 09 AUGUST

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

Ric, I hope you'll be able to make the IRCA Convention this year. I remember meeting you, but can't remember where or when. I hope a lot of people will make the convention. (At Bill Block's Halloween GTG '77-RtH.)

DX of late still on the slow side. The 1500 footers I put up don't do me a lot of good, as conditions are so poor, and about all I can hear is a little off the DU wire. So much of that stuff is so regular, I don't even report it any more. Maybe things will improve. bp: I don't blame you for going over to SW, but quite often that isn't too good either.

I've been verifying quite a few stations here in the west I never bothered with before. At least I get a verie from most. Among my latest 32 veries, 4VEH 1035, Cuba-1200. Reports out to 24 stations. Because foreign DX is so poor, you have to DX something, hi.

I may be buying a fourth receiver, a HQ-129 if I can get the thing working right. I've been checking voltages and have found a few bad caps. I don't know what I'll do with another receiver, but I can't turn it down, hi.

Good DX to all. 73 de PM. (Long lists of DX and veries deleted per Editorial Policy. Pat, this is WDXP, not WDXR, hi-RtH.)

RIC HEALD, 1632 J ST., #4, EUREKA, CA 95501

It's the after Anniversary and everyone's burned out on forums blues, hi. Jaisun, y'all think you could put that to music?

Pat's right about lack of DX. I'd like to say what I really think about current DX conditions, but then again, this is a family publication, hi.

Heard traces out of Alaska (700 and 820) between 0500 and 0530 PST on 29 March, but couldn't pull anything out of the mud.

John Clemmer, what do you mean if I can hear WBAP through WAIT? Who and what is WAIT? Hi. They're not exactly a regular out here, in fact, has anyone on the WC heard 'em? Thanks for the tip, though, I'll check it out.

Randall Rhea, what are you majoring in? Sonoma State is well known for its degrees in frisbee and basket weaving (no, I'm not kidding, hi). Santa Rosa has a unique distinction: One of the finest junior colleges in the state and a university that's on the verge of being closed!

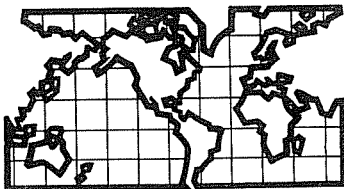
Got a nice letter from longtime friend Richard Wood. Says he's interested or considering relocating in a few years to possibly this area. Richard, DX isn't the only thing we're well-known for, hi. Hope you also have the power to develop webb feet. I'm telling you, we're already up to 50 inches of rain and the season doesn't end for two more months. Hope you also like fog.

Rumors are floating around that our two area daytimers, KEKA 790 and KNCR 1090 have applied for FM. KEKA has already applied for fulltime on the AM side.

Before I go, a note to Sr. J.J.: With all this rain, southern Humboldt is bound to have a bumper crop this year, hi.

Ah yes, penguins. I too would like to see penguins as IRCA's official bird. Write it up and submit it to prez Kaskey and we'll take a vote. Does that need BoD approval? Other BoD members, do you know? Does anyone know? Zzzzzz. 73 de Rth. .

(from p. 14)  
having a son, etc., my time to actually stay up 'til 3AM has been slowly disappearing. As to finding out what I've heard, well, I purchased another cassette recorder (from Goodwill) and have it on my desk at work. I have a form I fill out for each tape. During my lunch hours, or while I'm doing reprints (which I never seem to run out of, hi), I listen to the tapes. After several times, one gets the feeling for where the top of the hour is, and if you have a counter, it's always at the same place. Since I don't have a stereo recorder, (to record WWV on the other channel) I usually run a stop watch while listening. This allows me to get accurate timing for reports and the like. I'm running out of space now, so I'll have to leave 'til next time a description on how I choose what frequencies and times to listen for, although I'm sure some of you out there can do better than I can. Maybe one of these days, Roy Millar will write an article on how he does it. I know that he has used this method for years and with some excellent results... 73's & best of DX in '83 (it's gotta be better than '82!!)... pb



## DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline MONDAYS

We have some news from the Australian Radio DX Club this week: The Australian Radio DX Club currently prepares regular DX Programs for broadcast over various international broadcasting stations. Reception reports are welcome, which will be verified by full-details, QSL cards. The cards are printed on high quality stock, in full color, and show pictorial scenes of Australia, including fauna and flora. Cards are sent airmail. Reports should be sent to the ARDXC, QSL Service, Box 227, Box Hill, Victoria 3128, Australia. Return postage should be included-2 IRC's outside of Australia, two 27¢ stamps within Australia. ARDXC Programs may be heard over the following facilities: Radio Australia, during the English service within the program "Spectrum" on the third and fifth Sundays at 0612, 0810, 1612, 2112, and Mondays 0330 (I presume these times are in UTC). The segment is known as the "ARDXC DX Report" with topical news of interest to the international DXer and SWL. Presented by Bob Padula and Peter Bunn. Trans World Radio-Radio Guam, over KTWR, within the program of "DX Listeners Log" on the third Saturday, during the English transmissions. The ARDXC presentation is known as "The DX Newsline" and is hosted by Peter Bunn and Bob Padula. The DX Listeners Log is aired at 0900 on SW frequencies of 11840, 1145 on 11920 and at 1530 on 9505. The ARDXC segment includes DX Tips of special emphasis and interest for the Asian DX enthusiast. Radio HCJB-Quito, Ecuador, The South Pacific DX Report is produced by Peter Bunn, in the "DX Partyline" program for the 4th Monday of each month, during the English release. Has DX tips, news about ARDXC and general SW Items. SRI LANKA Broadcasting Corporation: World at your Fingertips International, as part of the program "Radio Monitors International" On the 2nd Sundays, at 1100-1130 on 11835, 15120, 17850; 1300-1330 on 4940, 1330-1400 9720 and 15425. Produced by Adrian Peterson. General station notes and news and station "Profiles". The ARDXC also produces "DX-Time" for the JJ Broadcasts of Radio Australia, every Sunday 1040-1100 on 9760, 17795. Scripts are written by: Craig Seager, Phillip Harrison, Rodney Norris, Robert Chester, Matthew Francis, and Peter Bunn. QSLs will be issued by ARDXC for authentic reports with sufficient details included. Medium Wave enthusiasts may wish to tune in to the special relay of "Spectrum" which includes the ARDXC segment, over the Australian Broadcasting Commission's domestic service, in Northern Territory, on Sundays at 1612 on 8DR Darwin=657 KHZ, 8AL Alice Springs on 1377 KHZ, 8KN Katherine on 675 KHZ, 8TC Tennant Creek on 684 KHZ, 8GO Gove on 990 KHZ and 8JB Jabiru on 757 KHZ. QSLs for the ARDXC segments over the MW outlets will also be issued, for the 3rd and 5th Sundays. I know alot of this information is on SW, but there should be some MW info included. We have a new reporter this week: Dale Park from Hawaii. He sent me both Foreign and Domestic DX. I will pass on the Domestic stuff to Nancy Hardy. Welcome to the column Dale and report often:

### PAN AMERICAN DX ROUNDUP

- 690 MEXICO, Tijuana-XETRA in EE at 1122, with KKUA testing, poor on 1/11/82 with Pop music, buzzing het de JOAB. (DPK-Hi)
- 800 MEXICO, XEROK- hrd in SS at 1900 on 5/8/82, ID as "Radio Ochenta" ranchera mx, KABC QRM (DPK-Irvine, Ca)
- NETHERLAND ANTILLES, Bonaire-TWR on 5/8/82 at 0605, fading up giving TWR ID, new country #8 (DPK-Irvine, Cal)
- 1090 MEXICO, XEPRS at 0925 in EE, KIOE QRM with fading on 6/11/82 (DPK-Hilo)
- 1470 MEXICO, Tijuana-XERCN Good from s/on just before 1300 on 2/13 well into the following hour being a Sunday morning with CJVB/KELA signing on later than other days. (RHM-Wa)

### TRANS-PACIFIC DX ROUNDUP

- 531 NEW ZEALAND, Alexandra-4XA, fair o/u Kempsey with rr mx and ads,ments. of Otago Radio at 1126 on 3/25. (PM-Or)
- 567 NEW ZEALAND, Wellington-2YA, at 1025 in EE 9/12/82 w/light mx, sports report, some KLAC QRM (DPK-Hi)
- 576 t AUSTRALIA, Sydney-2FC at 1045 in EE, clas. mx, seemed to ID during fade outs, KSSK heavy buzz. New, on 9/12/82. (DPK-Hi)
- 630 AUSTRALIA, Townsville-4QN, finally IDed at 1050 on 10/30/82 w/TC and ABC Nx, flutter, poor. (DPK-Hi)



- 648 USSR, Radio Moscow in CC per WRTH on Oct. 21,82, faint, but w/RM WS program, faded out by 1203, QRM het, no jamming. (DPK-Hi)
- 657 NORTH KOREA, Kangnam-KCBS // 6400 on 10/11/82 in KK, poor, usual yelling buzzing. New (DPK-Hi)
- 693 JAPAN, Tokyo-JOAB, on 11/1/82 at 1120 in JJ, light mx, fades (DPK-Hi)
- 702 UNID, on 11/1/82 at 1123 in CC, faint YL, w/no sign of 2BL (localQRN), very poor (DPK-Hi)
- 720 UNID, w/RR in WGN null at 0828 3/14, way too early for USSR, poss. KUAI or CMGN, doubt if KDWN.hi. (RW-Ca) (Robert: I have hrd USSR asian stations as early at 0650 on occasion, so may have been the FS.PM)
- 666 JAPAN, Osaka-JOBK 3/11 at 1216 good steady sig. in JJ (GK-Ca)
- 738 t AUSTRALIA, Grafton-2NR poss. the EE nx 3/12 1208 (GK-Ca)
- 774 JAPAN, Akita-JOUB, on 11/1/82, light mx JJ ancr at 1115 (DPK-Hi)
- 830 HAWAII, Honolulu-KIKI, hrd w/telephone talk and many IDs 3/15 0558, earliest hrd yet. (GK-Ca)
- 1008 t JAPAN, Osaka-JONR, hrd 3/12 1242 w/chimes JJ commercial and mx (GK-Ca)
- 1035 NEW ZEALAND, Wellington-2ZB, on 3/12 1227-1235, tc ment. good copy when KTWO off or splat not too bad. (GK-Ca)
- 1044 AUSTRALIA, Muswellbrook-2UH, fair u/2ZB with ABC Drama pgm, // to other ABC Freqs. at 1050 on 3/27. Good, almost equal w/2ZB at times. A great signal for only 1 KW! New (PM-Or)
- 1098 MARSHALL ISLANDS, Majuro-WSZO 1150-1200 in EE and Marshallese on 10/21 82 poor, NA, KIOE off. (DPK-Hi)
- 1125 UNID, CC hrd 3/12 1218, 1236, 1305 fair but deep fades (GK-Ca)

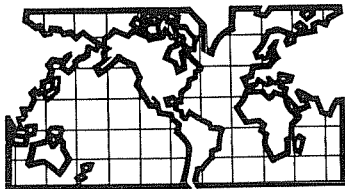
VERIES:

- 1200 CUBA, Palma Soriano-CMJQ, sent reg. Cuban vq in 3 months for report w/no return postage. (PM-Or)
- 1470 MEXICO, Tijuana-XERCN (ec XEBBC per letter), show U.S. address of P.O. Bx 337-San Ysidro, Ca. 92073. Wonder if many of these border stations don't use U.S. Addresses? Perhaps a project of compiling such a list would be worthwhile? (RHM-Wa) (That sounds like a good idea. PM)

One other note: Glen Kippel mentioned in his report that he IDed the Unid on 873 KHZ as "Radio Malaysia, Kushing". Congrats. Great catch. PM.

THANKS TO THESE REPORTERS:

- GK-Ca Glen Kippel-612 West Avenue-Merced, California 95340  
SP-600 JX17, 8 foot single turned loops
- RHM-Wa Roy H. Miller-P.O. Box 1493-Bellevue, Wa. 98009  
MW Airline portable and Navy DAK3, loop and SM-2
- DPK-Hi Dale Park-2253 Kanealii Avenue-Honolulu, HI 96813  
Also DXing in Irvine, California and Hilo, HI. Sony ICF-6700W, LW
- RW-Ca Robert Wein-1309 Dentwood Drive-San Jose, California 95118
- PM-Or Yer Editor  
SP-600-JX, RB0-2, two 1500 Bev, East, 200 foot NE(DU) and Ground syst.



**DX WORLDWIDE - WEST**

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185 - deadline MONDAYS

DX really seems to be improving once again. DU's were is two mornings this past week (4/5 and 4/6) fairly well, 4/5 was the best. Possible logging of 2CH-1170-Sydney also. Maybe there is hope after all! From DXers Calling March 1983 comes this news: On 27th February the Macquarrie Network in Australia introduced a new program at 1300 GMT using 3AW-1278 (Melbourne) as anchor station. This is a nationwide toll-free talkback, news and current affairs program called AUSTRALIA OVERNIGHT! The program is much the same as the Larry King Show heard over here. Other stations expected to join the network program shortly are 2CA-1053-Canberra, 2GB-873-Sydney, 4BH-882-Brisbane, 5DN-972-Adelaide, and 6PR-882-Perth. The program host is Owen Delaney and the telephone number for International callers is 00 61 3 329 7522, although this is not Toll-Free! The program will run nightly 1400-1930 GMT between Monday and Friday. If the program is successful, it is likely to be extended to other stations outside the main metro areas.

In other news from the DX Post-DXers Calling, 2CN-currently on 1440 KHZ in Canberra should be making the move to 666 KHZ in April, same 2 KW, The transmitter for 8DN-Darwin is on in Katherine on 765 KHZ. 8AL-1377-Alice Springs is moving to 783, in March, hopefully they should be there by now. 2NM-1458-Muswellbrook, N.S.W. is to move to 981 KHZ increase power to 5KW DA in Mid 83, then will drop relay of 2NX 1000-1400 and carry own evening program, but no plans to go 24 hours. Again this from DX Post-DXers Calling. From the Broadcasting Tribunal, per the NZRDXL, Radio New Zealand granted warrant to provide an information service to the general public attending the RNZAF Airshow at Whenuapai at Henderson, near Auckland, power 1 KW, but only on from 1800-0800 UTC, on March 26th. It may return, tho. Frequency 603 KHZ. On 801 KHZ from Arthur Cushen-NZRDXL Radio Rhema relay at Nelson will be here with 1 KW from 1800-1200 UTC daily with relay of 3XG-1503. From the Broadcasting Tribunal-NZRDXL comes the information of Radio Contact on 1440 KHZ, granted warrant to the Waikato Students Union, Inc. for station located at Hamilton with 100 watts. From The Far East Radio Club: Solomon Islands new regional transmitter at Santa Cruz due on the air mid 83 on 1386 KHZ, ex 963. Also a High Powered Transmitter is Considered for New Zealand, by Radio New Zealand on MW, possibly 250-500 KW, likely located of the North Island to beam their signal into the Pacific areas. That's all the info I could dig up this time around. Hope you find it of interest. Now on with reports:

TRANS-PACIFIC DX ROUNDUP (All PM, unless otherwise noted)

- 531 AUSTRALIA, Kempsey-2MC very good with Pop mx, spots at 0950 on 4/5 w/ slight QRM at times from 4XA.  
NEW ZEALAND, Alexandra-4XA good briefly o/2MC with Otago Radio News cast at 1000 on 4/5, then lost to 2MC.
- 540 AUSTRALIA, Longreach-4QL, hrd fair under/LPRTs at 1100 with ABC nx, on 4/5. Haven't hrd this for a while.
- 549 AUSTRALIA, Orange-2CR, fair in KMVI-slop, noted // to 702 with mx at 0934 on 4/5.
- 550 HAWAII, Wailuku-KMVI, complete Local-like signal, 95 DB/s/9, causing some slop from 530 to over 570! All AM 4/5.
- 558 FIJI, Suva-Radio Fiji 1 here with YL in EE, soft music at 0845 on 4/6.
- 567 NEW ZEALAND, Wellington-2YA, good all AM 4/5, with Discussion pgms, and MOR mx. Best hrd in a while.
- 576 AUSTRALIA, Sydney-2FC, noted w/Classical mx, several times in passing on 4/5, vy good, at 1015.
- 590 HAWAII, Honolulu-KSSK, hrd fair o/mess on 590 with spot for Shopping Mall, and KSSK ID at 0754-4/5.
- 594 AUSTRALIA, Horsham-3WV, fair with mx at 0945, seemed // 774=3LO, on 4/5.
- 603 AUSTRALIA, Hobart-7ZL, fair w/Class. mx, // 576 at 1035, 4/5.
- 612 AUSTRALIA, Brisbane-4QR, vy good with ABC news in passing at 0901, on 4/5.
- 620 HAWAII, Hilo-KIPA, completely wiping out KGW (hardly a sign), all AM on 4/5.
- 621 AUSTRALIA, Melbourne-3AR, good w/ Discussion pgm on Women at 1100, some KIPA Slop, on 4/5.  
TUVALU?, probably the vy weak one at 0650 w/weak soft mx, OM anc but again too much 620 slop. Grr on 4/5.
- 630 AUSTRALIA, Townsville-4QN, hrd well alone on freq. at 1101 with ABC nx, // 540 in checking freqs, on 4/5.
- 639 FIJI, Lautoka-Radio Fiji 1, at 0745 in Fijian, YL anc, terrible QRM From KFI, and other QRN, on 4/5.
- 648 AMERICAN SAMOA, Pago Pago-WVUV, good o/2NU w/Pop mx, U.S. sounding anc, at 0834 on 4/6.  
AUSTRALIA, Tamworth-2NU, topping 648 briefly at 0900 w/ABC nx, then lost into the mess, slop, WVUV, etc. on 4/5.
- 650 HAWAII, Honolulu-KORL, this is really not DX for me, as KORL is hrd 365 nights out of the year, but on 4/5, was again like a local, no slop, just slight het from 648 KHZ, in broad selectivity, with usual Music of Your Life.
- 657 NEW ZEALAND, Wellington-2YC, vy good w/Class. mx, // 882, but much stronger at 0655, noted on 4/5.
- 666 NEW CALEDONIA, Noumea, FR3 fair at 0909 w/YL in FF, followed by FF mx, mod. at about 20-30%, on 4/5. This station must modulate less than about any other station in the Pacific!
- 675 NEW ZEALAND, Christchurch-3YA, fair in KNBR slop w/Mor Mx at 0745 or 4/5.

684 AUSTRALIA, Kempsey-2KP, good // to 549 w/Mor mx at 0915,4/5.  
690 HAWAII, Honolulu-KKUA, topping XETRA briefly w/slop, and KKUA jingle on 4/6 at 0907.

702 AUSTRALIA, Sydney-2BL, good all AM 4/5, w/ABC pgm.  
711 AUSTRALIA, Launceston/St. George-7NT/4QW, hrd w/ABC nx at 1000 on 4/6, St. George noted alone on 4/5.

720 HAWAII, Eleele-KUAI, noted way o/KDWN w/Pop mx and tcs at 0634-4/5.  
729 AUSTRALIA, Adelaide-5CL, good w/Disc. pgm, // 621 at 1100 on 4/5.  
738 AUSTRALIA, Grafton-2NR, also // 729 at 1101, same Disc. pgm.  
747 AUSTRALIA, Toowoomba-4QS, vy good, w/only slight KXL slop, at 0955 on 4/5, Mor mx.  
NEW ZEALAND, Greymouth-3ZA, noted with NZ Disc. pgm // 756 at 0835 on 4/6. No sign of 4QS.

756 NEW ZEALAND, Auckland-1YA, noted well // 747 at 0835 on 4/6.  
760 HAWAII, Honolulu KGU, vy good w/Telephone talk at 0730 on 4/6, way o/KFMB.

765 NEW ZEALAND, Hastings-2ZK, vy good w/clas. mx at 0645 on 4/6, noted best of all NZ stations at this time, good all AM.  
774 AUSTRALIA, Melbourne-3LO-good // 2BL-702 at 1200 w/nx on 4/6. Some 4TO QRM at times.  
AUSTRALIA, Townsville-4TO fair o/3LO briefly w/ID and rr mx at 1209 on 4/5.

783 AUSTRALIA, Katoomba-2KA, weak w/rr mx at 1206 on 4/5, 2KA ID, back into Pop mx.  
792 AUSTRALIA, Brisbane-4QG, good all AM w/Clas. mx, 4/5.  
801 AUSTRALIA, Cairns-4QY, good w/ABC #3 ID, w/het at 1059.50, into pips to the hour on 4/6.

819 NEW ZEALAND, Rotorua-1YZ, fair at 0556, in het, much better later, Mor mx, one of the earliest DUs hrd, on 4/5.  
828 AUSTRALIA, Sale-3GI, fair // 3LO at 1055, mx on 4/5, noted 4/6 also.  
NEW ZEALAND, Palmerston North-2XS, good w/rr mx at 0650 on 4/5, also weaker on 4/6, later lost to 3GI.

830 AUSTRALIA, Honolulu-KIKI, again really not DX, but very strong, w/strong signal, causing slight slop to 828 KHZ, rr mx as usual.  
@ Also noted at 1403 ID into nx, public anmts, poor 3/29 (JWJ-Ca)

837 AUSTRALIA, Rockhampton-4RK, good in passing, o/NZ(classical mx), at 0750 on 4/6.  
846 AUSTRALIA, Canberra-2CY, vy good after 1000, Kiribati s/off, w/Opera mx on 4/5. Mixing before.

850 HAWAII, Hilo-KHLO, this is now one of the strongest Hawaiians hrd here, since the boost from 1 to 5 KW last year, local-like w/rr mx all night 4/5, 4/6.  
855 AUSTRALIA, Maryborough/Eidsvoid-4QB/4QO, good alone at 0901 w/ABC nx, // 837-4RK, on 4/5.

864 AUSTRALIA, Toowoomba-4GR, fair o/ 7HO-4ZA w/Pop mx, and brief ID at 0955 on 4/5, lost in jumble.  
AUSTRALIA, Hobart-7HO hrd again, w/ID in mess, mostly under 4ZA for a time, then on top, jingle hrd right after 4GR ID at 0956-4/5.  
NEW ZEALAND, Invercargill-4ZA good, o/mess part of the time with the Tonight Show, into news at 1000, presumed, but didn't stay around-4/5.

870 HAWAII, Honolulu-KAIM, good all night, as usual, but stronger, really causing 873 some trouble, Rel pgm.  
873 AUSTRALIA, Sydney-2GB, good both nights 4/5, 4/6 with Telephone-Talkback show, some KAIM QRM from time to time.  
NEW ZEALAND, Ashburton-3ZE, briefly here w/Tonight Show, // 1008m under 2GB at 0919 on 4/5.

882 AUSTRALIA, Brisbane-4BH, very good w/Mor mx, 4BH ID at 1159, going into Macquarrie News at 1200 on 4/6.  
NEW ZEALAND, Auckland-1YC, good w/Clas. mx at 0630 on 4/5.

891 FIJI, Lautoka- Radio Fiji Two, at 0540 on 4/5, listened off and on until 0800 Hindi pgm, great signal!  
900 HAWAII, Kahului-KNUI, good all Night, no sign of CJVI, etc. with K-NUI IDs.  
@ Also noted with ID at 1308, Commercial, wx, anmts. poor 3/29 (JWJ-Ca)

918 NEW ZEALAND, Greymouth, hrd briefly o/UNID (Aussie?), at 0920 on 4/5, // to other NZBC stations. This one for 10 KW, doesn't get out this well often, so nice to hear.  
927 NEW ZEALAND, Palmerston North-2ZA, good w/Tonight Show at 0914-4/5.  
954 AUSTRALIA, Sydney-2UE, good w/Telephone Talk Show at 1112 on 4/5.  
963 NEW ZEALAND, Christchurch-3YC, fair w/Clas. mx // 882 at 0922-4/5.  
981 NEW ZEALAND, Kaikohe-1YE, weak in 980 slop // 963, Clas. mx 0923-4/5.  
1008 NEW ZEALAND, Tauranga-1ZD, vy good all Night w/Tonight Show-4/5.  
AUSTRALIA, Brisbane-4IO, briefly o/1ZD at 0930 on 4/6, w/Radio 10 ID, Pop mx.

- 1017 TONGA/AUSTRALIA, Both A3Z and 2KY mixing here, until Tonga s/off at 1001 on 4/5, then 2KY alone w/Racing.
- 1026 NEW ZEALAND/AUSTRALIA, really a mess here with 1ZN/K w/Tonight Show, by 0900 or so 4MK on top, later included 3DB on 4/5.
- 1035 NEW ZEALAND, Wellington-2ZB good all AM with Tonight Show-4/5, 4/6. @ Also noted a Possible Tent. logging EE accented ancr at 1326 3/29 Operatic YL singing at 1345. (JWJ-Ca) (John, doubt if 2ZB would be running Opera, as they are mostly rr/Pop mx on the NZ Net #2, sounds like Solomon Islands, but they would be off by 1300, China in there?PM)
- 1044 NEW ZEALAND, Dunedin-4ZB, good w/Tonight Show // 1035, all AM-4/5.
- 1053 NEW ZEALAND, New Plymouth-2ZP, same here // 1044 all AM.
- 1062 t WESTERN SAMOA, Apia, 2AP, poss. the one here vy weak w/EZL mx at 0640 on 4/5, in passing.
- 1071 AUSTRALIA, Maryborough-3CV, fair next to KNX-het at 1134 on 4/5, Pop mx, 3CV ID.
- 1098 MARSHALL ISLANDS, Majuro-WSZO, good at times w/YL ancr, Pop mx, TCs, at 0821 on 4/6. Later lost to NZ.
- 1107 AUSTRALIA, Sydney-2UW, w/ID and rr mx at 1123 on 4/5.
- 1116 AUSTRALIA, Brisbane-4BC, w/ You-Me 4-B-C ID at 1129 on 4/5, rr mx.
- 1143 AUSTRALIA, Newcastle-2HD, fair o/4HI (presumed), w/rr mx and 2HD IDs, at 1150 on 4/6.  
AUSTRALIA, Emerald-4HI, heard briefly w/ID and // 4LG at 1138, o/u Also NZ with Tonight Show in there on 4/5.  
NEW ZEALAND, Hamilton-1YW, good as early as 0620 pn 4/5, lost in mess to Aussies later.
- 1152 NEW ZEALAND, Timaru, good // Tonight Show Net, o/Unid rr, poss. unneeded 2WG, hrd a couple years ago, at 1027 on 4/6.
- 1161 NEW ZEALAND, Wellington-2ZM, fair in het w/KSL at 0740 on 4/6, ZM ID 0741.
- 1170 t AUSTRALIA, Sydney-2CH, poss. the one way behind KLOK, w/EZL mx, and brief ID at 1030 "Your Sydney Music Station, 2-C-H", back into Inst. mx, almost positive of slogan, but hard to tell for sure about call, as KLOK was too strong. Grr. on 4/5. Most other Sydney Stations were in fairly strong, so a good possibility. Will keep trying.
- 1179 AUSTRALIA, Melbourne-3KZ, fair in 1180 het w/rr mx at 1139 on 4/5.
- 1188 t AUSTRALIA, Inverell-2NZ, prob. the one w/Pop mx in slop of KEX at 1115 on 4/5. This is a reg. when KEX off, after Wallis s/off at 1000.
- 1197 NEW ZEALAND, Wanganui-2ZW, good w/Tonight Show at 0850 on 4/5.
- 1206 AUSTRALIA/FIJI/NEW ZEALAND, another mess all AM 4/5, 4/6 with 2GF, Pop and C&W, Fiji w/Island/Pop mx, and 4X0 w/rr mx, // 531.
- 1215 NEW ZEALAND, Kaikohe-1ZE, good also w/Tonight Show // 1197, 0851-4/5.
- 1233 AUSTRALIA, Newcastle-2NC, fair with Clas. Mx at 0950 On 4/5.
- 1251 WESTERN SAMOA, Auala Savii, 2AP relay here, with OM in Samoan at 0630 on 4/5, in passing, some KKFX slop.
- 1269 t AUSTRALIA, Sydney-2SM, presumed the source of rr mx in passing at 1112 on 4/5, unneeded, so didn't stay around/.
- 1287 t AUSTRALIA, Tamworth-2TM, presumed the Country mx at 1114 on 4/5, Again unneeded, so didn't stick around.
- 1314 AUSTRALIA, Wollongong-2WL, hrd w/ID between records(rr mx), at 1125 on 4/5.
- 1323 FIJI, Rakiraki-fair, alone here at 0906 w/OM in Fijian 4/6.
- 1332 AUSTRALIA, Bundaberg-4BU, fair w/OM, w/rr mx, 4BU ID at 1122 on 4/6,  
NEW ZEALAND, Auckland-1XI, hrd w/ Radio I ID way under 4BU at 1124 on 4/6.
- 1341 UNID, weak rr station (not // to NZ), prob. 2NX, but too weak to tell, at 1125 on 4/6.
- 1386 AUSTRALIA, Sydney-2EA, with nx at 1102 on 4/6, in passing, later hrd pgm in Eastern European lang.
- 1404 WESTERN SAMOA, Apia-2AP, good w/Native in talk (Samoan) at 0640-4/5.
- 1413 AUSTRALIA, Newcastle-2KO, fair w/rr mx at 1140 on 4/6.
- 1476 NEW ZEALAND, Auckland-1XA, good w/rr mx at 0630 on 4/5, in passing, later heard Radio Hauraki ID.
- 1575 AUSTRALIA, Wollongong-200, good w/Radio Two-Double 0 IDs at 0740 on 4/6.
- 1593 NEW ZEALAND, Auckland-1XP, hrd w, ment. of Radio Pacific at 0715-4/5.

THANKS TO THESE REPORTERS:

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# EAST

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## TRANS ATLANTIC DX ROUNDUP

- ed
- 827 UNID man in Lang. Mar 12 2310 (Stutterheim-NY) Is Libya still here?
  - 837 UNID het Mar 12 2330 (Stutterheim-NY)
  - 891 ALGERIA Algiers man in lang., AA sounding mx between long talks, at 2259 a French-type military piece (Anthem?-ed) ; definite BF at 2300 Mar 12; 3 time pips + 4th pip slightly longer; w/mx in background (MS-NY) 2240 Feb 19, drums, flutes, fair. (Hakiel-NY) Weak het against WLS noted a few eves just after sunset: signal never at the powerhouse levels noted in eastern MA. (Connelly-MD) fr w/ AA chanting thru het 0312 Mar 20. (Kaz-RI)
  - 855 SPAIN Murcia 2244 Feb 19 much SS talk, fair (GH-NY)
  - 1062 PORTUGAL Norte Azurara 2304 Feb 19 PF talk, chimes, pop mx, good. (GH)
  - 1107 UNID m&w in unID lang possibly giving nx; morse code between stories Feb 12 2250, too weak to ID. (MS-NY)
  - 1197 UNID Middle Eastern mx, one of two stn's on freq. one loops about 30° south of Europeans (This would be Morocco-ed) unable to get bearing of weaker stn. (MS-NY)
  - 1224 t SPAIN 0110 Jan 18 EZL mx, poor . (MC-MD)
  - 1251 t LIBYA 0111 Jan 18 slight het against 150 WDVA/SS LA mess. (MC-MD)
  - 1375 ST. PIERRE et MIQUELON 0007 Jan 22 R. France, FF talk, surprisingly good. (MC-MD) Baltimore is still well within one hop range of St. Pierre; beyond that range (usually 1200-1300 miles) I've seen few recent reports of them- ed (Who's taking a stab at propagation analysis)
  - 1386 UNID woman giving what sounded like nx in unID lang Mar 13 0003 (MS)
  - 1395 ALBANIA Lushnje 0523 Feb 22 woman taking what seemed to be Slavic fair. (GH-NY)
  - 1404 GUINEA Conakry 2355 Feb 19 AA chants, fr. (GH-NY)
  - 1422 W. GERMANY Saarbrucken 0557 Mar 4 GG talk, disco mx fr. (GH-NY)
  - 1467 MONOCO Monte Carlo 0504 Mar 1 choral mx, GG talk, good. (GH-NY) + 0550 Feb 21 GG talk in & out of slop. (MC-MA)
  - 1494 FRANCE 0606 Feb 21 synchros fr w/ woman in FF, // stronger 1557 (MC)
  - \*\*\* 1539\*\* UNID Middle Eastern flute mx Mar 13 0109. (MS-NY) Dr. Wood in Saudi Arabia reports a new high powered Arab here testing. He's not sure of location. This is probably that stn. maybe on RS now-ed
  - 1539 W. GERMANY Mainflingen 0225 Mar 3 cl mx, GG talk, good in AUcx. (GH-NY)
  - 1557 FRANCE Nice 0538 Feb 21 FF talk by woman , good. (GH-NY) + 0604 Feb 21, FF talk, then Afro-reggae mx; like local, often overwhelming adjacent WQXR. (MC-MA) It's interesting to note how much stronger the stn was at Connelly's Cape Cod QTH, than at Hakiel's (at roughly the same time); George's QTH is farther "inland" along TA routes-ed
  - 1557 MALTA Cyclops 0505 Feb 4 AA talk, AA mx, fair. (GH-NY)
  - 1521 t SAUDI ARABIA Duba 0237 Jan 21 het present against WKBW; strength of 1521 much less in MD, than back home in metro Boston. (MC-MD)
  - 1566 TUNISIA/SWITZERLAND 0536 Feb 21 Sfax w/AA vocal o/u Sarnen w/GG choral mx. (MC-MA)
  - 1566 SWITZERLAND Sarnen 0600 Feb 21 xlnt. w/ bouncy vocal mx, GG talk by YL , five 1 Khz pips, then 6th pip at higher audio freq, then nx in GG by man. (MC-MA) Mark, it's great to see such a good description of TA pips-ed
  - 1566 TUNISA Sfax 0516 Feb 21 AA talk, AA chanting, good. (GH-NY)
  - 1575 ITALY 0601 Feb 21 Genoa loud w/ nx in II. (MC-MA)
  - 1584 SPAIN 0602 Feb 21 SS talk, xlnt (!-ed) (Connelly-MA) + 2300 Feb 12 SS talk, time pips on the hour, fr. (Hakiel-NY)
  - 1593 W. GERMANY Langenberg 0607 Feb 22 GG talk, nx xlnt. (GH-NY) + 0603 Feb 21 Langenberg good w/ GG nx by woman. (MC-MA) + 0235 Jan 21; weak het against local WJRO Glen Burnie, the few times TA's were in MD, WBZ, CBA, & FF Canadians were unusually strong. (MC-MD)

Looks like a better quit for tonite. This column looks worse than the first one I typed 2½ yrs. ago.

Before we begin the LA's here are two more TA's.

- 1044 MOROCCO Sebaa Aioun logged for first TA at new QTH 0125 Mar 25, pr-fr in some WHN slop w/YL chanting. Noted fr-gd on peak later at 0207 w/Rlg. AA chanting. (Kaz-MA)
- 1584 UNID poss. Spain w/ het of 4 KHz (no audio) Feb 1 2341. Strong het abruptly ended 2355 indicating s/off. (Townshend-DC)

PANAMERICAN DX ROUNDUP

- 524 TEXAS Hawthorn Field this previously unID beacon is located in Hardin County ("HRD"). The CYV beacon rptd. earlier still unknown. Thank to Art Peterson for this one. (Thomas-FL)
- 550 CUBA 0332 Jan 23 man in SS, to gd. peaks, dominant, // 570,590,600 & 630. (MC-DE) + 0320 Jan 19 dominant w/non-stop SS talk // 570.(MC-MD)
- 555 t NICARAGUA 0335 Jan 23 Chinandega YNS prob. here w/SS talk audible w/fast SAH evident w/ZIZ nulled. (Connelly-DE)
- 555 ST.KITTS 0333 Jan 23 Basseterre ZIZ fr w/ accented EE talk, WFIL slop troublesome. (MC-DE)
- 556.7 CUBA almost good w/SS male w/what seemed to be sports match. Was // Rebelde 570 so apparently CMNA from 550. This at 0405 Jan 26. (GT-)
- 570 CUBA 0322 Jan 19 u/WGMS: SS talk // 550. (MC-MD) + 0331 Jan 23 SS talk // 550, 590,600,630; good - well atop WMCA,WGMS. (MC-DE)
- 580 CUBA Baracoa strong w/WTAG 0134 Mar 20, nice sig. for listed 5 KW (Kaz-RI) // several others.
- 590 MEXICO Mexico City XEPH most of the past month has been coming in but last night Mar 2 0400 came blasting in. US pop mx, frequent anmts by hyper ancrs. (George-TX)
- 590 CUBA 0317 Jan 23 propaganda in SS // 600 et al; u/WARM & o/WEEI (MC-DE) + 0438 Jan 22 female SS talk, then acoustic guitar & male SS vocal // 550 & 570; alone on channel, good despite slop from lo-WCAO. (Connelly-MD)
- 600 CUBA 0322 Jan 23 SS talk // 590 et al: xlnt, way o/WCAO. (MC-DE)
- 625 UNID March 2 0330 a stn just barely audible in SS w/ BFO on. The stn had traditional mx. (George-TX) Sorry, I'm not sure who's here now. -ed.
- 630 CUBA 0313 Jan 23 SS talk // 600 et all; fr-gd atop assumed WPRO/WQBS w/ WMAL nulled. (Connelly-DE)
- 640 CUBA 0330 Jan 19 R. Progreso // 660, good. (MC-MD) + 0314 Jan 23 SS mx w/ flute // 660, atop SS LA jumble. (MC-DE)
- 640 GUADELOUPE 0511 Feb 21 Arnouville atop jumble during below average Carib. ex, FF talk. (MC-MA)
- 640 COLOMBIA 0325 Jan 19 Santa Marta HJBJ RCN ID Mixed w/ other LA's (MC-MD)
- 640 VENEZUELA Puerto La Cruz YVQO noted w/ YV NA way u/ Cuba at 0355 s/off on Mar 24. (Kaz-MA)
- 649.2 UNID possible off-freq Brazilian here w/ just barely audible SS mx, but loop heading was quite east of usual Caib stns.(Stutterheim) Brazil would be in PP, of course, but it is quite hard to tell the difference if the signal is weak -ed
- 650 CUBA noted u/WSM/other LA's w/ Cuban NA // several others 0459 Mar 20 at R.Liberacion s/off. (Kaz-RI)
- 660 CUBA 0330 Jan 19 R.Progreso ID, SS talk by m&w, lod - atop WNEC(MC-MD) + 0314 Jan 23 SS mx // 640, noted u/WNBC. (MC-DE)
- 670 CUBA 0305 Jan 23 SS male vocal, much stronger than // 690. (MC-DE)
- 670 CUBA 0428 Jan 22 o/WMAQ: SS talk by man // 690. (MC-MD)
- 686.4 CUBA noted off freq here Feb 13 0305 // 690. (MS-NY)
- 690 CUBA 0304 Jan 23 male SS vocal // 670; atop CBF. (MC-DE) + 0335 Jan 19 female SS vocal, way o/CBF. (MC-MD)
- 700 COLOMBIA 0131 Jan 22 Cali HJCX R.Sutatenza ID w/reverb., "Zippity-Doodah" 4 note IS, way u/WLW. (MC-MD)
- 715.4 ECUADOR Portoviejo fr here 0000 Feb 13 w/ ID's & upbeat LA mx(GT-FL)
- 718.3 UNID well this one remains a mystery. Earlier thought it might be LV de Porto Viejo but preceding logging nixes that. In 0002, Feb 13 & looped west of the Ecuadorian = 715.4 so somewhere in C. Am. (Thomas-FL)
- 720 PANAMA Chitre HOB50 0413 Feb 13 SS talk ads for Cervesa(Beer I think) (Si !!-ed) "R.Republica" ID good sig. (Hakiel-NY) 720 is surely an interesting channel now that the Cuban is gone -ed.
- 720 VENEZUELA Parlamar YVOE 0301 Jan 23 loud & alone on channel w/ festive SS mx, R.Vision ID. (MC-DE)

- 725 SURINAM 0257 Jan 23 Paramaribo SRS good w/ US soul hit, then DD talk. (MC-MD) 0129 Jan 22 calypso mx pr-fr. (MC-MD) Noted w/ outrageously powerful & steady signal around 0430 Mar 20. Very close in strength to WOR w/WOR peaked. (Kaz-RI)
- 730 COLOMBIA Bogota HJCU Feb 9 0143 Meldia ID by man, then nx. Good alone on channel. (WPT-DC)
- 730 UNID (Cuba?) 0258 Jan 23 propaganda -type stuff in SS; not // 740. Some talk had slogans or pseudo ID's incl. "R.Eco" & LV de las Noticias" (Maybe the name of a news pgm) (MC-DE) Lately I've hrd several LA's give mention of other LA stations during newcasts. The same to be mentioning the stn. that the news came from. This could easily result in embarrassing missided situations. -ed.
- 730 MEXICO/CUBA 0337 Jan 19 XEX Mexico City w/ fast SS talk & local ads o/u Cuban w/SS political discussion by woman. (Connelly-MB)
- 740 CUBA 0338 Jan 19 dominant w/SS male vocal // 730 (MC-MD)
- 740 CUBA 0256 Jan 23 R.Liberation ID, good, alone on channel. (MC-DE)
- 750 VENEZUELA Caracas YVKS 0255 Jan 23 booming in w/ US rock, R.Caracas ID (MC-DE)
- 760 CUBA 0338 Jan 19 R.Reloj nx & time pgm way o/WJR (Connelly-MD)  
+ 0339 Jan 23 R.Reloj w/SS nx & time show o/much weaker SS LA (prob. HJAJ;WJR nulled. (MC-DE) + R.Reloj w/ ID Mar 6 @ 0000 on vertical, while on horizontal I got a Latin. Man in SS talk w/ lots of numbers given 0004 & TC @ 0006. (MS-NY)
- 770 UNID 0150 Jan 20 probably Panama here w/SS talk u/WABC (MC-MD)
- 780 COLOMBIA HJZW w/awesome signal w/LA Accordion mx & vocals 2348+ Mar 6. (MS-NY)
- 795 UNID very good OC here being cut on & off 0800 Jan 31 but no mod. Looped N-S (GT-FL)
- 800 NETHERLANDS ANTILLES 0344 Jan 23 Bonaire PJB good w/EE rlg pgm. (MC-DE) + 0344 Jan 19 EE preaching xlint o/CKLW. (MC-MD)
- 810 COLOMBIA 0349 Jan 23 Bogota HJCY rolling o/WGY/CJVA: R.Sutatenza ID SS talk w/ reverb. (MC-DE) + 0210 Jan 20 SS talk, ID o/u WGY (MC-MD)
- 820 COLOMBIA 0402 Jan 23 Cali HJED good w/festive mx // 850; HJED was atop Cuba/WBAP/others. (Connelly-DE)
- 825 ST.KITTS 0351 Jan 23 Basseterre R.Paradise like a local w/preaching in EE; signal level comparable to that from Cape Cod. (MC-DE)  
+ 0348 Jan 19 fr-gd w/ hymns. (MC-MD)
- 834 BELIZE 0349 Jan 19 Belize City R.Belize gd w/ jazz. (MC-MD) + note worthy only because it was audible 1 hour after local noon on Feb 6. (GT-FL)
- 840 CUBA 0206 Jan 20 SS pgm o/WHAS (MC-MD)
- 840 PUERTO RICO Yabaco WKEW Feb 7 2331 managed to extract ID w/ pr sig. Two "W's" were the key. Hrd u/WHAS/WMOB. (Townshend-DC) Nice catch
- 850 COLOMBIA Bogota HJKC 0402 Jan 23 u/WEEU; festive mx // 820 (MC-DE)
- 860 CUBA 0227 Jan 20 US soul & SS LA hits; SS talk by M&W, incl. political topics. Dominant. (MC-MD) Has anyone hrd the Reloj that (used to ?) be here recently?-ed
- 860 NETHERLANDS ANTILLES Curacao PJC-2 0608 Feb 14 disco mx, EE vocals, singing ID (R.860) A positively tremendous sig. WRTH lists 1 KW, sounds like more. (GH-NY) Sounds like 5-10 KW to me. Incidentally, it is easy to mistake this stn. for Brazil as they have similar mx formats & Papiamento & PP sound similar to SS. Listen closely. PJC-2 s/off is at 0700 (abrupt carrier cut) thus clearing away some QRM for you Brazil chasers.-ed.
- 860 COLOMBIA 0413 Jan 22 SS screaming w/reverb, ment. of Barranquilla & other Colombian cities; prob. the oft-heard Cayaguante/Canahuate thing. Sig u/Cuba. (MC-MD) + 0413 Jan 23 Valledupar w/Cayaguante ID (Garbled by excessive reverb) then accordion mx o/u prob. Cuba/CJBC/HILR mix & growl. (MC-DE)
- 865 UNID weak-fr carrier here 0150 Feb 7 intermittently producing audio. The HC presumed. (GT-FL)
- 880 CUBA 0141 Jan 20 female SS vocal // 690. (MC-MD)
- 890 COLOMBIA 0438 Jan 23 Bogota HJCE good w/romantic SS vocal, LV de Bogota ID o/unID LA & growl w/WLS nulled. (MC-DE)
- 895 HAITI Gonaives R.Trans Artibonite noted in passing at fr lvl w/FF male at 0035 on Jan 26. (Thomas-FL)
- 900 MEXICO -0440 Jan 23 Mexico City XEW load steamrolling others on channel: Mexican ads, then 'soap opera' type pgm in SS (MC-DE)  
+ 0239 Jan 20 local amnts, then operatic female SS vocal; just o/others. (MC-MD)
- 914 UNID AA chanting & hetting against much weaker 915, Mar 5 0930+ (MS-NY) Sounds like Surinam-ed.

926 Cuba R.Reloj off freq here w/ususal time.pips, ID, 3 chime doorbell etc. Mar 6 2238. (MS-NY) A real broken clock- hi -ed.

930.4 UNID 0258 Jan 26 strongest high side of WSOC/WFMD; prob the drift-y Cuban noted recently near this freq. by other DXers. (MC-MD)

940 MEXICO 0301 Jan 26 Mexico City XEQ w/call ID in SS, good o/CBM/SS LA's. (MC-MD)+ 0443 Jan 23 Mexico City XEQ loud w/ boisterous SS talk, several Mexican ads, SS "X-E-Q" ID; atop CBM.(MC-DE)

940 CUBA 0248 Jan 20 R.Reloj pgm noted u/CBM & o/2 southern USA stns.

950 t CUBA a possible Reloj outlet // 940; poor u/ potent WPEN 0255 Jan 20 (MC-MD) last 2.

960 COLOMBIA 0402 Jan 22 Maganague HJHN dominant (rolling o/WSBY/WFIR) R.Sutatenza ID, SS talk (MC-MD)

985 UNID Justa weak carrier here 0023 Feb 13; looped Ecuador/Peru so OBX4J possible. Peru-854 also in at this time w/fr carrier(GT-FL)

990 GRENADA 0101 Jan 22 disco-soul, accented EE talk, atop SS LA jumble (Connelly-MD)

1000 COLOMBIA Manzales fr w/ID (Radiodif. de Colombia) 0750 Jan 31 then mx. KROK phased. (GT-FL)

1010a UNID 0154 Jan 18 ferocious low-pitched het against WINS.(MC-MD) It's R.Mil Viente which has been as high as 1012 -ed.

1020 CUBA 0152 Jan 18 u/KDKA; SS vocal // 1030. (MC-MD)

1020 VENEZUELA 0453 Jan 23 La Asuncion YVRS good w/fast SS talk, Mundial Margarita ID o/HJZD/Cuba w/KDKA looped. (MC-DE)

1030 CUBA 0152 Jan 18 u/WBZ; male SS vocal // 1020. (MC-MD)

1030 MEXICO 0306 Jan 26 Mexico City XEQR R.Centro ID u/WBZ. (MC-MD)

1033 UNID undermodulated SS male quite strong here 0330 Jan 26 but being bothered by het from 1035. Looped SW-NE. No ideas. (GT-FL)

1035 HAITI 2230 Jan 25 Cap Haitien 4VEC piano "Muzak" then preaching; good w/ WBZ knocked out by AU cx. (MC-MD)

1040 COLOMBIA What appears to be a new stn IDing as LV de La Paz, Bogota (?) was hrd at 0430 Feb 6. A time signal(5 dots fol. by a dash) (take note MS-NY.. -ed) was aired on the half hour so it seems this isn't merely a pgm.best. by R.Super. Colombia was definitely mentioned several times & Pgm. prior to 0430 was rlg. (Stan-OM)

1050 CUBA Las Tunas CMLL 0246 Feb 7 Cuban mx, SS talk-WHN nulled. Good sig. (Hakiel-NY)

1050 MEXICO Monterrey XEG 0155 Jan 19 XEG jingle, SS talk- ad for night club, ranchera mx: LOUD!. (MC-MD)

1060 CUBA 0144 Jan 18 male SS vocal// 1070 ; just u/KYW. (MC-MD)

1070 CUBA 0143 Jan 18 SS vocal // 1060; jumbled up w/WIBC & various LA's. (MC-MD)

1080 VENEZUELA 0333 Jan 20 Barcelona YVQJ familiar Rumbos Doorbells u/ WTIC(MC-MD)

1080 HAITI 0335 Jan 20 Port-au -Prince 4VRD man in FF briefly dominating o/WTIC/YVQJ. (MC-MD)

1080 CUBA 0201 Jan 19 SS talk, frequent Cuba mentions. (MC-MD)

1090 COLOMBIA Cucuta HJBC 0545 Feb 7 lots os SS talk by two men, good(GH)

1120 CUBA 0213 Jan 26 SS talk // 1050/1060/1070/1080. (MC-MD)

1124.5 UNID American pop mx Feb 13 0250, time pip but no ID, weak. (MS-NY) Costa Rica -ed.

1130 COLOMBIA 0209 Jan 26 Barranquilla HJAC Rio Mar reverb ID o/u 2nd SSLA(prob HIRL) AU cx knocking out WNEW. (MC-MD)

1142 CUBA 0350 Jan 22 Jammer loud, rendering WRVA useless. (MC-MD)

1146 HAITI Port au Prince 4VAB 0202 Feb 7 long winded talk by male in FF. A preacher?. pr-fr. (GH-NY)

1147.4 UNID 0215 Feb 7 SS talk by male, reverb sound. Chuck Hutton says this is El Salvador. pr-fr. (GH-NY)

1170 COLOMBIA 0456 Feb 19 HJNW Cartegena in w/CARACOL net ID. (MC-MA)

1180 CUBA 0122 Jan 18 R.Reloj usual Reloj pgm o/unID SS LA, no WHAM. (Connelly-MD)

1200 CUBA Palma Soriano R.Revolution obliterating WOAI w/ upbeat LA mx 0338 Feb 7. (GT-FL) + festive mx, R.Revolution ID, loud. (MC-MD)

1205 CAYMAN ISLANDS 0349 Jan 22 George Town: R. Cayman good w/Brenda Lee oldie // stronger 1555. (MC-MD)

1220 MEXICO 0220 Jan 19 Mexico City XEB game in SSw/Mexicoan teams: o/WGAR. (MC-MD)

1220 UNID 0200 Jan 26 SS talk ment the Dom. Republic. (MC-MD)

1260 COLOMBIA Cali HJET 0436 Feb 7 Colombian mx vocals, "LV de Colombia" id Good. (GH-NY)

1360 CUBA R.Cadena Agramonte here 0530 w/good ID & a variety of pop mx in SS was // outlet on 1380. Not on Schatz list; poss. CMHX from 1370 (GT-FL) Nope it's a new outlet, 1370 & 1380 are still on freq.-ed



- 1370 COLOMBIA Bogota HJKX 0341 Feb 7 lilty song "Marinara" R. Mundial ID totally dominant on channel this AU night, xlnt. (GH-NY)
- 1370 CUBA Nuevitas CMHX Feb 9 0303 nx by man ?? CMHY . (WPT-DC)
- 1370 UNID 0046 Jan 18 SS mx // 1380, no ID hrd. (MC-MD) Def.CMHX-ed
- 1380 UNID 0046 Jan 18 SS mx // 1370. Cuba?(MC-MD) Yep. -ed
- 1380 CUBA Jaruno CMHY Feb 9 0303 nx by man w/ment of several provinces in last hour. Good. (Townshend-DC)
- 1380 CUBA CHMY 0150 Feb 19 SS talk R.Cadena Agremonte. Heard o/tough WBNX, good. (Hakiel-NY)
- 1418.2 UNID fr-gd carrier looped SSW 0040 Feb 13. QRN masking audio. (GT)
- 1420 VENEZUELA Maracaibo YVZO 0030 Feb 27 SS talk by hysterical ancr. R.Vision Marabina ID, Good. (GH-NY)
- 1460 TURK & CAICOS ISLANDS Govenors Beach 0102 Feb 9 As usual on an AU night, this stn. assumes dominance of channel. Good clear ID at 0100. Very gd. sig. (GH-NY) This is considerably tougher in Eastern New England due to WBEF QRM-ed.
- 1471 DOMINICAN REPUBLIC Barahona 0116 Feb 9 LA mx throwing a big bet on 1470. Stn. rptd. by Glenn Hauser in the Virgin Islands(a very fine rpt. of much use) Good sig. (GH-NY) I agree, we could use a few more xlnt. rpts. from LA areas. -ed.
- 1520 COLOMBIA 0246 Jan 19 Barranquilla HJLQ dominant w/SS talk by m&w frequent Barranquilla mentions; o/bad growl, no WKBW. (MC-MD)
- 1530 t CUBA0023 Jan 18 R.Moron prob. the stn here w/ female SS vocal; dominant (MC-MD)
- 1540 BAHAMAS Nassau ZNS-1 o/u WPTR: 0308 Feb 17, ad for Central Furniture on State St., then nx about cocaine bust, then Bahamas wx. (temp.=70F)(If you're trying to make me miss CAL. by ment temp's like that-- you won't do it !-hi!-ed) thenreggae song. (MC-MA) + 0249 Jan 19 Roberta Flack record o/u KXEL (MC-MD) + 0113 Jan 18 totally dominant (loud) w/ Carib. EE discussion about local politics (MC-MD)+ 0030 Feb 10 talk by minister of education,xlnt(GH)
- 1540 UNID 2330 Jan 21 perhaps a Colombian here w/ typical HJ-style accordion mx u/ZNS-1 o/KXEL/WPTR. (MC-MD) Has anyone recently IDed the HJ noted here on xlnt. LA nights ?-ed.
- 1540\*\*\*\*HONDURAS Tegucigalpa was very surprised to here SS here looped SSW near midday on Feb 6. Signal was poor to fair but many ments of Tegucigalpa & an HR call at 1920 cinched it. Belize 834 & El Salv.-655 also in at this time (Thomas-FL) Wow!! What a catch for daytime!! You guys in the south do occasionally get some of the midday skip that is more common up north -ed
- 1550 COLOMBIA Barranquilla HJCB w/ ID & ment of Barranquilla @ 0500-0510 Mar 6. (MS-NY)
- 1555 CAYMAN ISLANDS 0022 Jan 18 Gun Bluff; R. Cayman EE talk by m&w, gd. (MC-MD) + 0313 local nx, xlnt despite WQXR slop. (MC-MA)
- 1570 MEXICO 0510 Jan 23 Ciudad Acuna XERF good w/ preaching in EE o/u CKLM. (MC-DE) + 0258 Jan 19 gd w/ rlg. C&W mx, cowboy preacher in EE. (MD-MD) + 0632 Mar 2 EE preacher, call ID, then into C&W mx, good. (Hakiel-NY)
- 1580 ANTIGUA 0016 Jan 18 St. John's VOA Caibbean nx rpt., xlnt, like local. (MC-MD)
- 1610 ANGUILLA 0109 Jan 20 Caribbean Beacon gd-xlnt w/ nx of the Carib. area. (MC-MD)
- 1622 UNID 0533 Feb 21 official sounding EE nx, poss. a bootleg rebcast. or maybe something new in the Carib. (MC-MA) It's the Satellite New Channel relay in DC -ed
- 1668 h BELIZE harmonic hrd once only Feb 19 0254. (MS-NY) + 2nd harmonic here 0220 Feb 7. Cl. mx at fr lvl. (GT-FL)

CONTRIBUTORS:

Mark Connelly Baltimore, MD, Rehobeth Beach, DE; W.Yarmouth, MA.  
 ICF 2001, Palomar Loop.  
C.M. Stanbury Ridgeway, ON HQ200, 90' LW  
Neil Kazaross Narragansett, RI Mod FRG-7, Mod TRF 1400\* Bev at 200<sup>0</sup>  
 LW, Loops  
George Hakiel W. Islip, NY R7A, IC-R70, LW, Martens Loop,NRC Loop  
Matt Stutterheim Montauk, NY Room full of rx's, Antenna farm  
Gerry Thomas Pensacola, Fla. Mod FRG-7, Superloop  
Bill Townshend Washington, DC ICF-S5W

I'll be trying out my new IC-R70 this weekend, so lets hope cx cooperate.

73's & Good DX Super Typist, alias

- KAZ -

April 16, 1983 25

This is a report from Saudi Arabia by Dr. Richard Wood; using an R7A if I recall correctly. This was type by my fiancée, Laura, who was kind enough to fill in so that I could get some time at the dialls.

Log from Abha, Saudi Arabia. Stations heard since Sept. 1982 and still on the air.

kHz	ctry	station	strength	notes
531	ISR	Jerusalem	F	off 2306; // 576
540	KUW	Sulaibiyah	G	
	HNG	Solt	F	Hung. nx. 2300
548	ARS	Jizan	F-G	
549	URS	Kishinev etc.	F	Russ. // 567 2230
558	IRQ	Rutba	F	off 2305; // 603
567	SYR	Homs	F	
	ARS	Abba	VG	Qur'an
	URS	Volgograd	F	Russ.
576	ARS	Jizan	F	
	ISR	Tel Aviv	F	off 2306
581	IRN		F	Farsi 2300
585	ARS	Riyadh	G-VG	off 2300
594	ARS	Ouba	G	
603	IRQ	AL-Hammadaniyah	F	// 558
612	SYR	()	F	off 2305; // 558
621	EGY	Batra	G-VG	
630	TUR	Cukurova	F	off 2200
639	CYP	Zabaki	G-VG	BBC Ar.; Eng. 2030
648	ARS	Jeddah	VG	off 2300
	ALB	Reogozhina	F	
	LIB		G	Ar. nx 2300
	G	Orfordness etc.	F-G	BBC W. Sce. 0000
657	ISR	Tel Aviv	F	
666	SYR	Damascus	F-G	
675	ARS	Abba	VG	off 2100
	EAU	Doha	F-G	
684	ARS	Jeddah	G	
	YUG	Belgrade	F	
691.5				
693	IRQ	Basra	F	
702	OMN	Masirah Is.	VG	BBC Ar.; Eng. 2030
	URS	Yerevan	F	Russ. 2300 "Rst. Yunost'" for Baikal-Amur RR
711	EGY	Abu Zaabal	F	
716	YRA	Sana'a	G	// 981
719	IRN	Tayebad	F	
720	CYP	Zakaki	G-VG	BBC Ar., Farsi
729	EAU	Sadiyat	G-VG	R. Abu Ohabi; off 2130
729	GRC	Athens	F	Gk. nx. // others 2200
738	ISR	Tel Aviv	G	Farsi nx. 1830, Russ. 1900, Ar. 2000; // 1026

747	SYR	Sarakeb	F	
	YUG	Sarajevo	F	
755	YRP	Al-Hiswa	F-G	// 1188; off 2200
756	IRQ	Hurriyah	F-G	
765	ARS		G	Ar. nx. 2000 // 792
	IRN	Farabad	G	
	SDN	Soba	F-G	
774	EGY	Abis	G	Idhaat Sharq al-Awsat, comm., some rock
783	SYR	Tartus	F	
792	GRC	Kavalla	F-G	E. Eur. langs.; Eng. 1830, 1900, ERT Gk. 2000, 2100, Gk. nx. 2200 // 1260, etc.
	ARS	Jeddah	F	Ar. nx. 2000
801	JOR	Amman	F-G	off 2330
	IRN	Rezaiyah	F	
810	IND	Delhi	F	
	YUG	Skopje	F	
819	EGY	Batra	G	
828	SYR	Deir-al-Zawr	F-G	
	BLG	Shumen etc.	F	off 2200
	URS	Gorkiy	F	Russ.
836				
837	IRN	Shiraz	F	
846	IRQ		G	Farsi to IRN
	EAU	Umm-al-Qiwayn	F-G	
	I	Rome	F	// 900; 4 langs. all night
854	ETH	HARAR	G	off 2000
855	RMN	Bucharest	F-G	
858.4				
864	EGY	Aswan	G	Qur'an; off 2100
	URS	Yerevab	F	R. Mos. Farsi; R. Yer. Armanian 2000
872	SYR	Damascus	F	Fr. nx. 2000, Eng. nx. 2100, off 2200 // 1068
	ETH	Addis Ababa	G	// 854, mostly; off 2000
873	URS	Moscow etc.	F	Russ.
882	ARS	Dammam	G-VG	off 2300
	URS	Stavropol	F	Russ.
	SRL	Puttalam	F	on 2230, TWR Tamil
891	TUR	Antalya	F-G	off 2200; // 1017, 1062, etc.
	URS	Uzhgorod etc.	F	Mayak Russ. 2000
	ALG	Algiers	F	
900	ARS	AL-Qarayyat	G-VG	
	I	Milan	F	AN, // 845
909	IRQ	Hurriyah	G-VG	
918	ARS		VG	Qurian // 882
	URS	Mezen etc.	F	R. Mos. Dari, Pushtu
	YUG	Ljubljana	F	
	KEN	Nakuru	F	Nat. Sce. Swah., nx. 1900 // SW 4915

927 TUR Izmir	F	off 2200
GRC Zakynthos	F	after 2200
936 URS Lvov	F	Russ. 2000, R. Mos. Ital. 2100
945 ETH Adi Ugri	G	off 2000; // 854, 872
LBN Marj-Ayoun	F	King of Hops; Eng. 2000, Russ., S.-Cr., Ar.
951		
954 QAT Al-Arish	G-VG	
GRC Iraklion	F	Gk. nx. 2200
963 SNO Soba	F-G	off 2201
SOM Mogadishu	F-G	Som. nx. 2050; off 2100
BLG Dragoman	F	nx. 2200
971 IRN	F	Arabic to IRQ
972 URS Nikolaev	F-G	R. Mos. Turk. 1830; Ar.; Eng. 2130-2230
981 YRA Sana'a	G	off 2100; // 716
ARS Medina	G	
GRC Megara	F-G	
EGY Asyut	F	Ar. nx. 2100
988		
990 ARS	F	// 882 etc.; off 2100
IRN	F-G	Arabic to IRQ
LBN Amchit	F	
998		
999 URS Kishinev	G-VG	mostly Moldavian; off 2200; Russ. nx. 1900, 2000 Mold., Russ. 2030.
1000 TWN Luchiang	F	Chin., off 1000
1008 YUG Belgrade etc.	F	off 1856, Sat. 2300
GRC Kerkyra	F	
PAK Hyderabad	F	1545
URS Slonim etc.	F	Russ. 2200
HOL Flevoland	F	2300
1017 TUR Istanbul	F-G	off 2200 // others
ARS Hail	F	
1026 ISR Tel Aviv	F	Eng. nx. 1500, 1800, Fr. nx. 1515; Ar. nx. 2000, Farsi nx. 2110
IRN Tabriz	F	
URS Novosibirsk	F	R. Mos. Chin. 2230
1035 IRQ Babylon	G-VG	
1044 GRC Thessaloniki	F	Gk. 2000
URS Tbilisi	F	Mayak Russ. 1900
DDR Dresden etc.	F	
C Changzhou	F	Chin. 2245
IND Bombay	F	0015
1052		
1053 RMN Iasi	F-G	
LIB Tripoli	F	
1062 TBR Diyarbakir	F-G	off 2200
EGY Abu Zaabal	F	
I Squinzano etc.	F	

1068	SYR	Tartus	F	Fr. nx. 2000, Eng. nx. 2100, off 2200, // 872	
1071	IND	Rajkot	F		
	URS	Riga etc.	F	Russ.; anthem 2100	
	C		F	Chin. 2200	
1080	IRN		F-G		
	EGY	Farsi	F		
1089	ALB	Durres	F	Home Service, Alb., e.g. 2100; F. Sce.; Hung. 2200, Ital. 2230	
1098	ARS	Dammam	F	Eng., Fr.; off 2100	
	TCH	Bratislava	F		
	CYP	Akrotiri	F	BPBS, AN in Eng.	
1107	EGY	Batra	G		
	EAU	Dubai	F		
	URS	Kaunas etc.	F	Russ., anthem 2100	
1116	IRQ	Rutba	F	Saut ul Jamaheer	
	URS	Moscow etc.	F	Russ., anthem 2100	
	I	Bari etc.	F		
1124	LIB	EL-Beida	G	Ar. 2300	
	IRN	Bandar Lengeh	G		
1125	ARS		G	off 2300	
	1125.3	IRN	F-G	Ar., ID as Tehran, 1500	
1134	KUW	Sulaibiyah	VG	Ar.	
	YUG	Tovarnik	F-G	Esperanto 2245-2300 Tue. (UTC) // 1143	
	IND	Calcutta	F	IS, s/on 2300	
1143	YUG	Zagreb	F	Esperanto // 1134	
	URS	Dushanbe	F	R. Mes. Farsi 1830, Eng. 0000	
1152	RMN	Cluj	F-G		
	1160	EGY	Tanta	F	
	1160.4	IRN	Abadan	F-G	
1161	BLG	Stara Zagora	F		
	I	Bari etc.	F		
	1169	OJB	Ojibouti	F-G	French
1170	URS	Baranovichi etc.	G	R. Mos. Ar. 2000, Gk. 2100; Russ. 2200	
	1175	EAU	Ras-al-Khaimah	F	
1179	GRC	Thessaloniki	F		
	RMN	Bacau	F		
	S	Horbj	F		
1188	YRR	AL-Hiswa	VG	off 2200	
	HNG	Szolnok etc.	F		
1197	IRQ	Al-Hammadaniyah	G	Farsi 1900, 2000, 2100; // 1224	
1206	ISR	Haifa etc.	F		
	POL	Wrocaw etc.	F		
	KEN	Nakuru	F	Eng. nx. 2100	
1215	ALB	Lushnja	G	R. Tir. For. Sce.	
	TNZ	Arusha	F	Swah. nx. 2100, no SW // then	
1224	IRQ		VG	Farsi // 1197	
	ISR	Bear-Sheva	G	Heb. nx. 2200	
	BLG	Vidin	F		

1233	CVP	Cape Greco	VG	Ar., some Fr., e.g. 1830, nx. 2200, R. Monte Carlo; TWR Eng./Ar. 2100
		TCH Prague etc.	F	
	1240	IRN	F	Farsi nx. 2100
1242	OMN	Muscat	F	
		URS Kiev etc.	F	Kiev Ukr. 2100, 2200, 2300
1251	EAU	Dubai	G-VG	off 2100
		LIB Tripoli	F	
		URS Vladivostok	F	R. Mos. Chin. 2300
1260	GRC	Rhodes	VG	Voa Ar., etc.; Eng. 2100; ERT 2200 (IS, s/on)
		F Valencia	F-G	2230- R. Valencia
1269	YUG	Novi Sad	F-G	Hung. nx., Rom. nx. 2100
	1275	IRN	F	Farsi
		Kermanshah	F	Russ.
1278	URS	Gorkiy etc.	F	
1287	ISR	Tel Aviv	G	
		TCH Litomysl etc.	F	R. Prague Ext. Sce.
1295	SUO	Sennar	F-G	off 2201, mostly // 963
1296	G	Orfordness	F-G	BBC W. Sce. Eng. nx. 2300; E by R. 2200; Hung. 2215, Pol. 2200
		URS Dushanbe	F	anthems, s/on Tadh., Russ. 2200
	1300	IRN	F	
1305	ISR	Haifa etc.	F	
	1307			
1314	URS	Stavropol	F	R. Mos. Ar.
		RMN Timisoara etc.	G	
		N Kvitsoy	F	off 2307
1323	CYP	Zyyi	G-VG	W. Sce. Eng. BBC
		URS Tshkinvali	F	R. Mos. N. Amer. Sce. 0000
1332	I	Rome etc.	F	
		IRN Tehran	F-G	
1341	KUW	Magwa	G	Urdu 1400-1800, Eng. 1800-2100 off
		HNG Lakihegy	F	
		C Heilongjuang	F	Chin. 2200
1350	IRN		G	Ext. Sce. Ar. 1500; Farsi 2100 // 1332
		F Nice etc.	F	2300
		URS Yerevan etc.	F	Russ., anthem 2100
1359				
	1360	IRQ	F	Kurdish; off 2300
	1367	ANG	F	Port. nx. 2300; off 0002
1368	I	Venezia etc.	F	
		IRN	F	Farsi // 1332, 1350
		P Porto	F	2100
1377	F	Lille	F	
1386	GRC	Athens	F	Gk. nx. 2200
		URS Kaliningrad etc.	F	Eng. 0000
1395	ALB	Durres	F-G	R. Tir. Ext. Sce., jammad; Eng. 2200, Fr. 22
	1404	ISR	F	// 1287
	1413	OMN	VG	BBC Eng. to 1400, Mindi, Urdu, Farsi ; Eng. 1730, 2000, off 2100; Eng. 0000

	YUG	Pristina	F	off 2305
1422	D	Hausweiler	F	
	1427	IRN	F	Farsi
1431	URS	Krivoi Rog	G	(V to 1430.5) R. Mos. Alb., 1930, 2030, 2130 Greek 2000, 2100; Russ.
1440	ARS	Dammam	VG	off 2300
	LUX	Marnach	F	Eng. 2300
1448	CAM	Bafoussam	F	Fr. 2100
1449	I	Squinzano etc.	F	
1458	ALB	Lushnje	F-G	R. Tir. Ext. Sce., jammed; Port. 2300 ; Bulg. 2100 has varied to 1450.5
1467	MON	Monte Carlo	G-VG	RMC/TWR Ext. Sce., Eng. 2215
	IRN	Isfahan	F-G	Farsi
	IND	Jaypur	F	
1476	URS	Lvov etc.	F	Russ. 2100
	AUT	Wien	F	
	1481	EAU	VG	off 2100
1485	ARS	Jeddah	F	Fr. nx. 1630
1494	GRC	Rhodes	F	ERT
	URS	Leningrad etc.	F	R. Mos. W. Sce. Eng. 2100, 2200
1503	IRN	Bushehr	G-VG	local ID, off 2105 Farsi
	POL	Stargard Szczecinski	F	Ext. Sce., Gar. 1930-2030
1512	ARS	Jeddah	VG	off 2100
		unid. Arab		
	THI	Pha Yao	F	Kor Wor Sor 2215
1521	ARS	Duba	VG	off 2300 // 585, 648, 882, 1440
	TCH	Kosica	F	Cz. 0000
	C	Urumshi	F	R. Beijing Russ. s/on 2200
1530	VAT	Vatican City	F-G	multilingual
1538	DJB	Djibouti	F-G	Afar, Arabic (no French)
1539	(Int'l Waters)	Voice of Peace	F	An, KY Heb. nx. on hour
		unid. h.p. Arab testing		
	EAU	Sharjah	F	
1548	URS	Vinnitsa	F	R. Mos. Ital. 2130, Eng. 2230
	1553	IRN	F	black clandestine claiming to be Baghdad; in Arabic
1557	MLT	Cyclops	G-G	R. Mediterranean Eng. 1800-1900; DW relays 1900-2120, Ar.; R. Med. Ar. 2130-2230, Fr.2230-2330
	F	Nice	F	off 2300
	THI	Phetchaboon	F	Kor Wor Sor 2215
1566	IRN	Bandar Abbas	F	
	TUN	Sfax	F	
1575	EAU	Sharjah	F	
	THI	Bam Pachi	F-G	VOA Thai s/on Eng. 2158, into Thai
1584	ISR		F	// 1539 AN
1593	D	Langenberg	F	
1602	GRC	Kavala & Kozani	F	ERT nx. 2200, otherwise independent, non -ERT
1620		unknown	F	BEC World Sce. noted 2000-0100

Certainly an interesting report of much use to the international  
DXer. Thank you, Richard.

# Slogan List Updater 1

Rich Toebe / 2388 American Ave., Hayward CA 94545

Here's the first updater to the Slogans list in the new IRCA Almanac. Abbreviations used in this list are: (rp) remove parentheses, (rsw) replace slogan with, (:SS) means Spanish language, and (\*) after call letters denotes a daytimer. Slogans used by stations are a more or less temporary thing, so be sure to help keep the list as up-to-date and complete as possible by sending in your observations to me. Information in this first list are taken from the pages of DX Monitor and DX News, and my own listening.

- |     |   |     |   |
|-----|---|-----|---|
| 540 | WDAK-GA (rsw) Kicks Country                               | 690 | WAPE-FL (rsw) AM 6-90, AM 69, Someplace Special   |
|     | KWMT-IA* (rp) Radio 5-40                                  |     | WYIS-PA* Radio 7  |
|     | KNOE-LA (rsw) 54 Country                                  |     | KHEY-TX K-Hey Country   |
|     | KNAK-UT* (add) AM 54                                      |     | WCKK-WI* Cake Radio, Music of Your Life   |
|     | CJSB-ON (add) Capitol Radio 5-40                          |     | XETRA-MX (add) Southern California's Mighty 6-90  |
| 550 | KFRM-KS* 55 Country                                       | 710 | KMPC-CA Where the music is unforgettable  |
|     | WGNG-RI (rsw) 55 Country                                  |     | KNUS-CO Talkradio 71  |
|     | KTSA-TX Stereo 55   |     | WGBS-FL (add) GBS, Stereo 7-10 GBS  |
|     | CHNO-ON NO 55   |     | WROM-GA* The Unforgettable  |
| 560 | WOOF-AL* AM 56  |     | WUFF-GA* Big "Wuff" Radio   |
|     | WFRB-MD* AM 56 and FM 1-0-5                               | 730 | WJMW-AL* AM 73  |
| 570 | WAAAX-AL (add) Wax Radio                                  |     | WFMW-KY* America's Music Radio  |
|     | KCNO-CA* (add) Country Radio                              |     | WMTC-KY* The Radio Voice of the Kentucky Mountain Holiness Association                                      |
|     | WSYR-NY Western New York's only AM stereo                 |     | WJTO-ME* (rsw) 73 JTO   |
|     | WFAA-TX Newstalk 57                                       |     | WNAC-PA* Your Good News Radio Station   |
|     | KLUB-UT (add) NBC for Utah                                |     | WPXK-VA* Delete, now WRMR   |
| 580 | WCHS-WV (add) Charleston's ear to the world               |     | WRMR-VA* Remember   |
|     | CKUA-AB (add) Radio Alberta                               |     | CHYR7-ON The Leader   |
| 590 | WEEL-MA Newsradio 59                                      |     | CJNR-ON North Shore Network   |
|     | WOW-NE (add) the only AM stereo station in Nebraska       | 740 | KCBS-CA (add) Where you hear it first, hear it right; Where our business is news; CBS in San Francisco, CBS |
|     | KLBJ-TX (rsw) Newstalk Radio, Newstalk 5-90               |     | KSSS-CO (add) Pike's Peak Country   |
|     | KSUB-UT AM 59   |     | WGSN-NY* (rsw) Radio 74- The Music You Love   |
|     | KHQ-WA (rsw) Full Phase Radio                             |     | CBL-ON (rsw) Radio 7-40 CBC Toronto   |
|     | CKEY-ON Newsradio   | 750 | KFQD-AK Stereo 7-50   |
| 600 | WCAO-MD (rsw) Radio 60                                    |     | KMMJ-NE* Radio 75   |
|     | WREC-IN (rsw) AM 60                                       |     | WHEB-NH* (rsw) AM 75  |
|     | CFCF-PQ CKAT (// FM)                                      |     | WPDX-WV* (add) Big X Country Sound  |
| 610 | KFRC-CA 6-10  | 760 | KGU-HI (add) AM 76  |
|     | WIOD-FL (add) Music in those swingin' years               | 780 | KROW-NV (add) Northern Nevada's most helpful radio station, 50,000 watts of AM Stereo                       |
|     | WGIR-NH Sounds of your life                               |     | 790   |
|     | KRKE-NM (rsw) 61 Country                                  |     | KEKA-CA* (add) Kee-ka   |
|     | WVAI-VA Unforgettable, Winchester's adult music station   |     | WNWS-FL The Newstalk Station  |
|     | CJAT-BC 6-10  |     | WEAN-RI (add) One great song after another  |
|     | CKYQ-NF CJYQ-9-30 (//)                                    |     | KULF-TX delete, now KKBQ  |
| 620 | KSTR-CO* (rsw) K-Star 62                                  |     | KKBQ-TX 79-Q  |
|     | KIPA-HI Rainbow Radio                                     |     | CKMW-ON The Spirit of Radio, CFNY (when //FM)   |
|     | CJCI-BC (add) CI  | 800 | WLAD-CT* (add) 55 years old and getting better  |
| 630 | WKBX-GA Radio 63, a part of your life                     |     | CHAB-SK Radio 800   |
|     | KOH-NV (add) Nevada's #1 News Voice                       | 810 | KG0-CA (drop) Raider Radio 81, (add) Invader Radio  |
|     | WMSO-TN* delete, now on 640                               |     | WYRE-MD* (add) Radio 81   |
|     | KGGR-WA* (rsw) Cougar Radio                               |     | KXOI-TX The new Sunlight Radio  |
|     | CKOV-BC (add) OV 63                                       | 820 | KCBF-AK The fresh air sound of Alaska   |
| 640 | WMSO-TN* Victory 63                                       |     | WAIT-IL (rp) AM 82, (add) The place for your music  |
| 650 | KORL-HI (add) Coral 65                                    |     |   |
|     | WSM-TN Radio 65, the station you can count on             |     |   |
| 660 | KSKY-TX* (add) Broadcasting Gospel to the Great Southwest |     |   |
| 680 | KNBR-CA (rp) Good Time 68                                 |     |   |
|     | WCNN-GA CNN Radio, the News Authority                     |     |   |
|     | WINR-NY Music of your Life                                |     |   |
| 690 | KZKZ-AZ 6-90 KZ   |     |   |



830	KABN-AK KIKI-HI	Cabin Radio (add) Stereo 83, Hawaii's first AM stereo station	950	WXGI-VA*	(rsw) Honest to goodness Country
	KBOA-MO*	8-3-0 means music and more		WKAZ-WV	West Virginia Truly Amazing AM
840	WWAX-AL*	(add) 8-40 Wax	960	KARZ-AZ	delete, now KOOL
	WHAS-KY	We're the one you depend on		KOOL-AZ	Cool
850	KGOE-CA	K-85		WSBY-MD	Information 96
	KOA-CO	(add) AM 85, The Information Place		WHYL-PA*	(rsw) 96 AM in Stereo
	WEAT-FL	News 85	970	CFAC-AB	(add) Radio 96
	KHLO-HI	Radio 85		CKWS-ON	96 WS
	WKIX-NC	(rsw) Big Country KIX, Kicks Country		KBEE-CA	delete, now KHYV
	WIVK-TN	AM 85, AM 8-50		KHYV-CA	K-Hive 97, 97 AM, Your Star Station
	KEYH-TX	(rsw) Radio Qui :SS (pronoun- ced "Key")		WUPY-MI*	delete, now WMVN
860	KIFN-AZ*	delete, now KVVA		KAKC-OK	(add) AM 9-70
	KTRB-CA	(add) the country place to be		WJMX-SC	AM 97
	KKOW-KS	(rp) The Big 86	980	KINS-CA	Kinns
870	KIEV-CA*	(add) Your thoroughbred horse racing station		WDVH-FL*	Gator Country 98
	WHCU-NY*	Big Red Radio		WPIP-FL	98 Gold
	KORD-WA	Cord, The tri-cities' new country giant, Serving the Columbia Basin from the tri- cities		KKSS-MN	Kiss 98
880	KRVN-NE	(add) The Rural Voice of Neb.		KVIV-NV	Radio 98
	KWIP-OR	The Parade of Hits, AM 8-80, First with Northwest News (add) 88 AM		KICA-NM*	(rsw) Radio Fiesta :SS
	KIXI-WA	(add) 88 AM		WKLM-NC	K-98, Wilmington's Country
900	KCBF-AK	delete, move to 820		CHEX-ON	Checks Radio 98
	WJWL-DE*	Your Great American Music Station	990	KFRD-TX*	La Progressiva :SS
	KSGL-KS*	The Island of Truth		WHOO-FL	(add) the 50,000 watt Country Voice
	WKXA-ME*	(rsw) AM 900, Someplace special	1000	KNIN-TX	(rsw) K-99
	WKJK-NC*	KJ Country		WTAK-AL*	(add) The Oldies Station
	CKBI-SK	90 AM-99 FM from Prince Albert		WCFL-IL	(rsw) Chicago's Favorite Listening; One Grand Place to be
910	WGAF-GA	AM 91		WXTN-MS*	Radio One Thousand
	KBIM-NM	B-91		KKIM-NM*	The Joy of One Hundred
	KGLC-OK	(add) 9-10 Country	1010	KXEG-AZ	(add) Radio 10-10
	WGBI-PA	Country 91		KCHJ-CA	(rsw) California Country 1-0-1
	KALL-UT	(rsw) Call Radio, Call AM and FM, Call		WPYK-AL*	Pick 10-10
	KORD-WA	delete, move to 870		KSMN-IA*	10-10 Country
	CKDQ-AB	(add) Q Country Alberta, Q-91 Drumheller		WYST-MD*	Your Star, Songs You Remember, 92.3 FM (when //)
920	WTRS-FL*	FM 1-0-2 (when //FM)		WMOX-MS	Big 10
	WKRT-NY	93 KRT	1030	KDJW-TX	(add) Greatest Country
	WMNI-OH	9-20 Country	1040	KKIK-TX	delete, now KBBW
	WHJJ-RI	(add) The Talk of Rhode Island	1050	KBBW-TX	The Alternative
	WLIV-TN*	All Country		KLAT-TX	(rsw) La Tremenda, Radio Mil Diez :SS
	KVEL-UT*	Someplace Special		CFRB-ON	Ontario's Family Station
930	KHJ-CA	Country 93	1060	WDBX-TN	(add) We've got your Country covered
	WFXI-FL*	Foxy 93	1070	KPOI-HI	(add) Poi
	WJAX-FL	(add) The New 93		WHBO-FL*	1-0-5 AM, AM 1-0-5 AM (yes!)
	WYUS-DE*	Music of Your Life		WROS-FL*	The Rose of Jacksonville
	WMGR-GA	Country 93, AM 93		WBRG-VA*	Sunshine Radio
	WKCT-KY	Newsradio 93	1080	WAMT-FL	Music of Your Life
	WSOC-NC	Unforgettable		CFCN-AB	Radio 10-60
	WKY-OK	Radio 93		WAPI-AL	(add) Alabama's Station For Sports
	WLLL-VA	Music of Your Life		KNX-CA	(add) Newsradio
	CKNS-ON	North Shore Network		KENR-TX	(rsw) Radio Magazine
940	WINZ-FL	(add) Radio 94 Miami		CKST-AB	Radio 10-70
	WLVM-MI*	(add) Good Times		KANC-AK	delete, now KTNX
	WKYK-NC	(rsw) 94 KYK		KTNX-AK	Ten X
	WKGM-VA*	(add) 9-40 KGM		WTIC-CT	Connecticut's first AM stereo station
950	WGOV-GA	G-95		WYJI-GA*	Music of Your Life
	RRRP-LA*	K double RP	1090	KIOE-HI	delete, now KZHI
	WHVW-NY*	Hudson Valley 95		KZHI-HI	Z-Hawaii, the Mighty 10-80
	KYES-OR*	(rsw) KY-95		WNCR-NC*	Carolina Country
				KKBB-CO	(add) KB, KB 10-90
				WSLG-LA*	Mighty 10-90
			1100	WLBB-GA	Country 11, West Georgia's Best Country Music

1110	KHEI-HI	(rsw) AM 11	1250	KHIL-AZ*	(add) K-Hill Country
	WVNH-NH*	(add) Your music, Serving Southern New Hampshire and the Merrimac Valley	1260	KSNO-CO*	Your Aspen Music Station
	WZAM-VA*	(add) K-94 FM (when //FM)		WHTT-FL	delete, now WSUA
	CHPR-ON	Radio Hawkesbury :FF		WSUA-FL	Radio Suave :SS
1130	WSJP-KY*	News 11		WNOO-TN*	The Soul of Chattanooga
1140	WQBA-FL	Super Q		WJJJ-VA*	(add) 12-60 J
	KL DY-MO*	delete, now KKCI	1270	KDJI-AZ*	(rsw) Arizona's #1 music stn.
	KKCI-MO*	This is Kansas City's new home of Rock n' Roll		KGUY-CA*	K-Guy
	CBI-NS	CBC Radio, Cape Breton Radio		WTNT-FL	The #1 Sports Station
1150	WJRD-AL	(add) Western Alabama's first station		WEIC-IL	Country 12-70
	KABN-AK	delete, now on 830		WCMR-IN	12-70 Country Lane
	KBAI-CA	(add) Music you remember		WCBC-MD	Forum Radio
	KPRZ-CA	AM 11-50		KROI-NV	(add) "Kroy"
	KRZN-CO	Cruisin' 11-50		WDLA-NY*	Voice of the Delaware Valley
	WTMP-FL	Less commercials, more jazz	1280	WMFM-NC*	Carolina Country
	WJOK-MD	All Comedy Radio		WSUX-DE*	The X
	WGBR-NC	The place to be		WGSO-LA	(add) Air New Orleans
	KINM-SD	(rsw) Big Kim Country		KVOV-NV*	Total Talkradio for Southern Nevada, Talkradio in Las Vegas, Your direct connection to Sports
1170	WCOV-AL	COV Radio		KEAN-TX*	K 1-0-5, Keen 1-0-5 (//FM)
	KLOK-CA	(add) Entertainment Radio 11-70, Count on us		KDYL-UT	(add) Covering your world, covering your neighborhood
	WRIT-CT*	Radio Tri-towns		KMAS-WA*	(add) K-Mass
	WLKE-WI*	delete, now WGZS	1290	CHRB-AB	The Super Country Station
	WGZS-WI*	The all new AM 11-70		WNRS-MI*	(rsw) Newsradio
1180	KWSO-CA	(add) The Valley's most inspirational Christian Voice		KOIL-NE	(add) Omaha's Coil
	1190	KEZY-CA	(rsw) Newscenter 12	WOMP-OH	Talkradio 12-90
	WKOX-MA*	KOX		WQIN-PA*	The Spirit of Quinn County
	KEX-OR	The place to be in 83		WFBG-PA	The best music
	KLIF-TX	(rsw) Classic Country 11-90		WLZZ-WI	(add) Solid Gold 13-Z
1200	WOAL-TX	(add) The station that keeps San Antonio talking	1300	KROP-CA	(rsw) Imperial Valley's farm station
	1210	WKNX-MI*	(add) Real music is back	KVOR-CO	(add) Your direct connection to the news
	KCLG-UT	(add) Your Country Connection		WTKC-KY	Kentucky Country, Your Progressive Country Station
	WGAR-OH	Stereo GAR		WKXI-MS	KXI, Kicksy 13
	CKDA-BC	The Music Station on Vancouver Island		WIMG-NJ	(rsw) Information Radio in the Delaware Valley
1230	KGEO-CA	(add) KGE Oldies		KHUG-OR	(add) The K-Hug Ranch
	WONN-FL	Hit Parade		WKCY-VA*	(add) Powerful KC
	KFJB-IA	Your music source	1310	KIOT-CA*	(add) Music for the High Desert
	WITH-MD	Your Music of Your Life station in Baltimore		WJLK-NJ	Unforgettable
	KYVA-NM	The Voice of the Fighting Bengals		WSSJ-NJ	(add) Superstation
	KADA-OK	Ada's only 24 hour station		WXMC-NJ	Morris County's radio station, For the mature, affluent adult audience (ex-WBIO)
	WKBO-PA	KBO		KEIN-MT	(add) Big Sky Country 13 Keen
	WERI-RI	Your host up and down the coast		WDKD-SC*	Carolina Country
	WCOL-OH	Stereo 12-30		WGH-VA	The Powerhouse Station
	WAIM-SC	Aim Gold		KARY-WA*	(add) Lucky 13
	WNOK-SC	Rock 1-0-5 FM (when //FM)		CIOK-AB	delete, now CHLW
	WHEL-TN	delete, now WIMZ		CHLW-AB	Clear Country, Radio LW
1240	KNRY-CA	(add) with best music of the '50s and '60s	1320	WAGG-AL*	Alabama's Gospel Giant
	KSUE-CA	K-Sue		WATR-CT	Waterbury's first station
	KPPC-CA	The difference is in the music, AM 12-40		WVOJ-FL	(rsw) Jacksonville Country
	KROY-CA	delete, now KENZ		KSIV-MO*	Your Christian Companion
	KENZ-CA	We play the favorites		WBQW-PA	13-Q
	KSMA-CA	(add) Radio 12-40, Where the music is always memorable	1330	WJAS-PA	(add) AM 13-20
	KAKZ-KS	Music of Your Life		WKEA-AL*	Key Radio, Key 13
	WEBQ-IL	Country Q		KHYT-AZ	(rsw) The New 13, K-Hit
	WCOU-ME	(rsw) The Star Station		KCLM-CA*	13-30 Country
	KQEN-OR	(rsw) Queen Radio		WNAB-FL*	Super Hit 13
	WQBQ-PA	12-Q (ex-WSEW)		WEAW-IL*	Contemporary Christian Music, The Sound of Inspiration
	WEKR-TN	All American Country		WXTA-IL*	Music of Your Life
	WKDA-TN	AM 12-4		WASA-MD	The Sports Voice of Northeast New England

1340	KWBO-AR WMRK-AL	delete, now KZNG Bringing you the best entertainment	1400	WKWK-WV CKSQ-AB	(add) Music of Your Life (rsw) Q Country Alberta, Q-14 Stettler (//CKDQ-910)
	WROD-FL KRKR-KS WCMI-KY KXTC-ID WOKE-SC WHAP-VA WHAR-WV WMKE-WI CIBQ-AB	Music of Your Life Kansas City Country (rsw) Music of Your Life K-Ecstasy, XTC Wonderful Woke Radio The Country Extension 13 Rock 13-40 MKE (add) Q Country Alberta, Q-13 Brooks (//CKDQ-910)	1410	WUNI-AL KLVV-CA* WLAQ-GA KCLO-KS*	(add) Fun Radio K-Love, Radio 14 AM 14-10 Your community minded radio station Your #1 Country Music Radio station
1350	KSRO-CA KIVM-HI KIPO-HI WLLY-NC* WKGE-SC* WGSW-SC*	13-50, Sounds like Santa Rosa delete, now KIPO Kanio Country Willy The Big E 13 Country	1420	KTAN-AZ WRCG-GA WLNA-NY WEMB-TN*	K-Pan, Country Connection You've always got a friend Music of Your Life Where country music is always special
1360	WDRC-CT WKAT-FL  WVBZ-NJ KBUK-TX KRYX-TX	(rsw) Sounds great (rsw) Make those memories come alive, The Big Kat BZ 13 Your AM Alternative (rsw) Your Adult Radio	1430	WWMW-FL  WCMY-IL* WVHK-MI WENE-NY KELI-OK WBMK-TN* WLKZ-TN* WIVE-VA* WBEV-WI	Where country music is always special KLN, 14 Carat Valley's best radio station Radio Tifton (add) Panama City Country, Greatest Country (add) 95 X-WRKK (//FM) Prime Time Radio (add) County 1 Best Newsradio for Tulsa Best music in Knoxville KZ Country Good News Broadcasting The Best of the Big Bands
1370	KEEN-CA WCOA-FL KLBA-IA* WTTS-IN KGNO-KS WSAY-NY WRTK-NY WVCB-PA	(rsw) Radio Keen 13-70 (rsw) Pensacola's first stn. Music of Your Life The Rhythm of Sunshine Music of the Entertainers delete, now WRTK Talkradio CB 13	1440	WCVL-SC WZXX-TN* KPSI-CA FVEN-CA* WMFJ-FL WJQI-NC WQOK-SC KBKW-WA KAYO-WA	Coastal Georgia's Country (rsw) Something special (rsw) Talkradio 14 (add) Where your friends are Super CDL Music of Your Life Big Z Talkradio 1-45 14-50 Newstalk Sunshine Radio Radio Joy The Q, Star Station delete, now KAYO Country Music Radio, Fun Country
1380	KTOM-CA  KGMS-CA WNVR-CT WNSI-FL WRBQ-FL KWK-MO	(rp) 1-38, Tall T Country, K-Tom, (add) The Tall T Music and memories (add) Greater Westbury's favorite radio station delete, now WRBQ Tampa Bay's radio station, Q-1-0-5 (when //FM) (add) Less repetition, St. Louis' hot tracks	1450	KQTE-CA* WPDQ-FL WOKO-NY	Music of Your Life PDQ, The Peoples' Choice (rsw) Your News & Information Station, The Capital District's All News Leader
1390	WMTD-WV* KCEY-CA WAKA-FL* WMGI-FL*  WAOK-GA WPLM-MA WFEE-MS*  WFMJ-OH WLAN-PA WTJS-TN	AM 1-38, GUS More Country the way it should be (add) KMIX 98 FM (when //) delete, now WMGI Magic 13-90 and Cable Stereo 1-0-8 (add) A-OK The Bruins' flagship station (rsw) The Music of Your Life Station, AM 14 Songs of Your Life Adult Radio TJS	1460	WIPV-OR WCMB-PA WPRW-VA  CKRB-PQ WRGA-GA WBIG-NC WGBU-PA	delete, now on 880 (add) The greatest country in the world Prince William's own Radio station Ici Radio Canada :FF Rome's leadership station Music of Your Life (add) Magic Radio, Double Magic (when // WMGZ-FM) (add) Unforgettable
1400	WJHO-AL KTUC-AZ  KVOY-AZ KSUN-AZ WGA-GA WALE-MA  WABY-NY KWON-OK WIDE-ME  WFEC-PA WCOS-SC	This is CBS Newsradio for Southern Arizona Radio 14 (add) Talkradio 14 Hundred (rsw) Music of Your Life Talkradio 1-40, What Local Radio is all about Music of Your Life K-One York County's first radio station, since 1948 (add) Hot Hits The Great 98 (//FM)	1470	WSAN-PA WABB-AL KYOS-CA WRDW-GA KLEO-KS  KWKN-KS WAME-NC WSAY-VA* WUEZ-VA* KAAR-WA	(add) Mobile's best music The Valley's best music (rsw) Super RDW The station you grew up with, The Big 14-80 delete, now KLEO Sunshine Radio Your station for memories delete, now WSAY (add) Clark County's Car
			1490	KOTN-AR KGUD-CA	Your 24 hour information stn. (rp) K-Good

1490	KTPO-KS	From the capital city	1550	KKJO-MO	AM 15-5
	KJIN-LA	Cajun Country, We are Country and Cajun Country, Cowboy songs all night long		WUTQ-NY*	(rp) UTQ Country
	WKRC-LA	AM 14-90		KRGO-UT	(add) Your place in the country
	WARK-MD	Music of Your Life		WKBA-VA*	The songs you like in Roanoke
	WWIL-NC	(add) Soul 14-90		WXVA-WV*	delete slogan
	WITA-TN	With inspiration to all, Christian Radio for today's Christian	1560	KXXA-AR*	K double XA
	KJQN-UT	(rp) 15 KJQ		WSQR-IL*	Q 15-60
1500	WPEX-VA	(add) X-15		KQYX-MO*	Q 15
	WKAX-AL*	15 KAX, Franklin County's Best Country	1570	WFFM-PA*	delete, now WHYW
	WFIF-CT*	(add) The Light of Southern Connecticut		KTXZ-TX*	K-Texas Radio
	KXVQ-OK*	Q Country, Quality country for all of Oklahoma		WURL-AL*	Hometown Radio
	KCLF-LA*	Country Lovin', the station for music lovers		WRCN-NY*	(rsw) With adult rock for Long Island and Southern Connecticut
	KMIO-TX*	Cameo		KMAR-LA*	Stereo Country
1510	WYNI-AL*	Win 15-10		WLSC-SC*	15-70 Country
	KTIM-CA*	(rsw) K-Tim, 15-10 Radio, AM 15-10, The Big Band Blend		CFOR-ON	Big Country
	WNLC-CT*	Southeast Connecticut's first station for information		XERF-MX	Love 16, Playing the music that is part of your life, The Border Blaster, Blasting out the good news that God is still alive :EE
	KDKO-CO	(rsw) Denver's only R and B station	1580	KNIX-AZ	(add) K-Nicks
	WMIB-FL*	(add) AM 15-10, Music of Your Life		KPKI-CO*	Praise Radio
	WJRC-IL*	15-10 AM		WENO-FL*	Radio for Northwest Florida
	WITS-MA	delete, now WMRE		WSRF-FL*	(rsw) Surf 16
	WMRE-MA	Memory Radio, AM 15-10, Memories and Music		WCCR-IL*	Music of Your Life
	WAUK-WI*	More comedy, more fun		KXRK-IA*	(add) AM 15-80
1520	WTLN-FL*	Central Florida's Inspirational Station		WORV-MS*	AM 15-80
	WPOE-MA*	(add) Region's News Leader		WPUV-VA*	AM 16
	KOLM-MN*	Music of Your Life	1590	KLIV-CA	(rsw) The Music of Your Life Station
	WGMA-NC*	All Gospel Radio in Rutherford County		WDCl-ME*	delete, now WASY
	KMAV-ND*	Top Cat		WASY-ME*	Solid Gold AM 15-90, All Hit Radio
	WCMG-TN*	CMG		WTVB-MI	(add) 24 hour radio
	WKOE-TN*	K-15, Southeast Tennessee's Best Music		WJSO-TN	AM 16 JSO
1530	KKCS-CO*	delete, now KCMN		KMTY-UT	(rsw) Radio 15
	WDJZ-CT*	(add) Playing your favorite music		WGOE-VA	delete, now WFTH
	WCKY-OH	Your News and Information Leader		WFTH-VA	Faith Radio, Music for Inspiration
	KGBT-TX	America's only full time 50 thousand watt station :SS, but slogan is in EE	1600	WEUP-AL	(rsw) The Gospel Powerhouse
1540	KISA-HI	(add) 15-40 AM		KUBA-CA	FM 1-0-4 (when //FM)
	WMYF-NH*	AM 15-40, Your seacoast connection		KWOW-CA	The music you remember the most
	WQCC-NC*	The Gospel Voice of the Carolinas		KLAK-CO	(rsw) Radio 16, Where all the good songs have gone
	WGRK-KY*	The best music		WKWF-FL	(rsw) AM 16
	WPKZ-SC*	Where the message is in the music		WRBN-GA	(rp) Music of Your Life
	KTIA-TX	delete, now KUQQ		WINX-MD	The Station of the Stars
	KUQQ-TX	Radio Cocoo :SS		WLXY-MA	(rsw) "wixy" country 16
	WKIE-VA*	Total Music Experience		WMCN-NY*	MCR
	KJZZ-WA	(add) Great Jazz Radio 15-40		WKXQ-NC	delete, now WRNC
1550	KKHI-CA	(add) The Classics are on us		WJSA-PA*	(rsw) Christian Radio for the West Branch Valley
	WYNX-GA	The Southeast's most powerful Christian Voice, Family Radio		KBBX-UT*	This is Utah's 5 thousand watt Gospel Giant
	WCTW-IN	New Castle Country		WKGK-VA*	16 KGK
	KOKA-LA	Radio One, still #1		WNEU-WV*	delete, now WANR
				WANR-WV*	Hit music for Wheeling

...Just got my copy of the new Almanac, and I must say that it's quite well done! If you haven't ordered one yet, well, what are you waiting for? It contains a wealth of information to help you in your DXing. And don't forget to send me new information on slogans. 73, Rich

## DXING DURING AURORA

by Robert Kramer

Earlier this fall I wrote an article dealing with aurora DX at Sunrise. This time, I will write a general article about this DXing phenomenon. I do not intend to make this a technically oriented article, as I am totally incapable of doing so. I will basically look at different types of Aurora DX, including specific examples from the Chicago Area, SSS Aurora and some of the better aurora openings in past days. I also plan to discuss 2 types of unusual Aurora influenced DX; The "Marshall Effect" and the "Johnstown Effect" (both Chicago Area jargon for specific types of aurora DX).

Aurora DX is the result of a storm in the earth's geomagnetic belt. This disturbance is the consequence of a high level of solar activity, or so it is theorized. As of yet, no one has been able to determine the exact triggering mechanism for the aurora borealis. In fact, many times scientists will predict a severe aurora, because of an unusually high level of sunspots, or solar flares, only for above normal DX conditions northward to result. There may even be reports on your local TV weather forecast and in the newspapers that people in your area should be on the lookout for a display of the northern lights. There also may be predictions of disrupted radio communications and WWV forecasts of major storm levels. Nearly every time I have heard these forecasts the aurora has not occurred. When an aurora does take place, many times, the forecast concerning its severity will be inaccurate. The big aurora in early September of this year is an excellent example. 3 hours after WWV said that a minor geomagnetic storm had begun, and that conditions would be at minor storm levels, a major storm broke out, with an A index of 140. Thus, while you should monitor WWV when aurora is expected, don't base your DXing activities solely upon a forecast of a geomagnetic storm.

Since I brought up WWV in the previous paragraph, I may as well discuss the valuable propagation services available through this station. At 18 past the hour, each hour, WWV provides a propagation conditions report. The portions of the report that pertain to the aurora consist of 3 parts; 1. The current conditions via the K index, 2. the previous day's activity via the A index, 3. a geomagnetic forecast for the next 24 hours. The K index is based on a 0-9 scale. A K-index of 0-3 would indicate normal propagation conditions. 4-6 usually means a minor geomagnetic storm, although the K index can reach 4 occasionally without aurora being present. K index 7-9 indicates a major geomagnetic storm in progress at the time you are listening. The A index is a gauge of the previous GMT day's geomagnetic activity. Basically, anything less than 20 is normal conditions (although you probably would not hear Alaska with an A index of 19), 20-29 usually active conditions (just below a minor storm, but often great at sunrise & sunset for DX). When the A index reaches 30 or more a geomagnetic storm has taken place. An A index of 30-50 is usually considered a minor storm. Anything over 50 is a major geomagnetic storm.

Many people confuse good southern conditions with aurora. They refer to good southern conditions as aurora. This is not the case. An aurora is a specific type of DX condition. It is totally possible to have good southern conditions without there being an aurora present. Even if stations from the south are in, without reception from any other direction, the only way to determine if there is an aurora is to consult WWV. Just as good openings to the east, west or north can take place with dead conditions elsewhere, so can southern openings. Even South American stations dominating regional channels does not positively mean that there is a geomagnetic storm.

One thing that you will notice is that auroras are never the same. They always seem to produce a different set of stations, even different directions, each time that they occur. In the Chicago Area there are 5 general types: 1. South America-Caribbean, 2. Central American-Caribbean, 3. Southeast, 4. Due South, 5. Southwest. Since most of you do not live in the Chicago Area, you may have different types where you live. In the preceding paragraphs I will discuss each Chicago Area type opening briefly, as an aid to finding the aurora reception types and patterns in your area.

**South American-Caribbean:** This type of opening usually takes place in the evening hours, beginning right around Chicago Sunset. There have been AN openings of this type, but they are somewhat rare. The most likely time for this to occur is on the first day of the aurora, when the storm begins in the early morning hours, producing good SES aurora (usually the SES aurora will be to the southeast or due south). In this variety of opening you will find the dial dominated by mostly Venezuelans & Colombians. There also may be unusual reception from Caribbean Areas such as Dominica. These signals will be quite strong, though somewhat fady. Many times, unless there is a groundwave received station, there will be no domestic station interference. This type of opening can take place even on regional channels that are usually dominated by strong pests. However, for this to happen, the aurora must be of fairly strong severity (although strong reception to South America on regional and clear channels does not require a major geomagnetic storm).

**Central America-Caribbean:** This type of opening takes place at sunrise skip. Many times, stations from the Caribbean, particularly Cuba, will be in. As their local sunrise approaches, the opening drifts westward into Central & Southern Mexico, Guatemala and Honduras. An opening of this type is the best time to log the Yucatan area of Mexico from Chicago, and probably all of the Midwest. Again, a tremendously severe aurora is not required for an opening of this variety to be successful.

**Southeast:** This is the first basically domestic dominated type of aurora. The most likely times of day for this type of opening are in the evening and SFS. Although some Cuban stations will be in, the bulk of the DX will be from Northern Georgia during a moderate aurora, Southern Georgia & Northern-Central Florida during a severe aurora. There also may be some reception from the Carolinas. The evenings will most likely produce higher power stations (such as 5000 watt WWVQ-1430 Panama City, FL), although stations such as WMLF-1330 Dublin, GA do make it occasionally. The best time for the lower powered stations is at SFS. Then, with the skywave building up overnight, along with the weakening-obliteration of usual pests, and the vast number of PSAs operating, DX can become almost impossible to keep up with. You will find that the severity of the aurora will determine what is heard. The slightest aurora will produce plenty of stations in Northern GA plus some stuff from the Carolinas. The more intense auroras are required for Southern Georgia and Florida to be received, although some Florida stations will make it with weaker geomagnetic storms. Southern Florida is extremely rare, and only is received with very severe storms (usually with an A index well over 100).

**The South:** This type of opening, believe it or not, is probably the rarest of the aurora openings. It is most likely to take place in the evening, with another time being SFS. Occasionally, a southern aurora will pop up at SSS, but these do not occur often because of the slowed skywave recovery during aurora. One of the reasons for the lack of openings in this direction is that there are few fulltime stations in the states received via this aurora type. The openings are restricted to SFS, for the most part, when the southwestern type of opening is at its peak. The states to look for in this area are: Tennessee, Alabama, Mississippi, Louisiana, and, to a lesser extent, Kentucky. When aurora conditions are good to this area in the evening, the same stations will appear opening after opening. Stations such as WXVI-1600, WBJP-1600 & WHHY-1440 have become indicators of this type of opening. Unfortunately there are few stations left on the air to DX for from this area, so these indicator stations are best used to predict good SFS DX. Many times they will. Other times they can indicate SFS to the last & most common area, southwest.

**Southwest:** This is the area most common to the Chicago Area during aurora. The predominant area is Texas and Northern Mexico, with Arkansas & Oklahoma also being good. At times, Arizona, New Mexico and Southern California will also be heard. This is the only direction of aurora reception that is consistently in evidence at all times of skywave propagation (evening, AN, SSS & SFS), although it isn't always good during aurora. Often, at SSS, Arkansas and Oklahoma will be fairly good, with Texas being great. It is not at all uncommon to receive a 500 or 250 watt station from Southern or Western Texas interference free. The evenings, when aurora DX is going southwest, will be all Texas, with some Mexican stations also appearing. These Texas openings usually follow a geographic pattern not at all influenced by the severity of the aurora. There will be few "pest" stations in such as KXYZ-1320 & KRYS-1360. Nearly all of the rest of the reception will come from a specific region of Texas, such as the Gulf Coast, Panhandle or Northeast portions of the state. It is extremely rare for the entire state to produce outstanding loggings (although some SSS sessions will produce DX from east to west as sunset moves westward, but these usually are localized such as the northern portion of the state from the Arkansas to the panhandle. It would be rare to also get Southern Texas, & vice versa). The Texas reception will continue all night into the SFS hours, where it could improve (or die out if the rising sun burns up the skywave prematurely) due to the westward movement of sunrise. In addition to Texas, Arkansas, and sometimes Oklahoma, can be good at SFS.

Now that you are aware of aurora DX types, one thing should be remembered, not all auroras are productive DX wise. In order for aurora to be a success, skywave reception from the south must be present. If there is no skywave, then all that will be received will be stations via groundwave and line noise. Aurora does not, or at least I have never seen any data suggesting that it does, improve skywave propagation southward. What it does is eliminate interference. With a good aurora the conditions are as if all of the stations outside of the south went off, leaving much southern DX. Thus, no matter how empty the channels, if the skywave reception from the south is dead, then you will get nothing.

One type of aurora DX that, at least for now, defies explanation is what we in Chicago call the "Marshall Effect", named after the first instance of this type of reception: KMH-1400 Marshall, MN. What the "Marshall Effect" is is reception to the north of your DX location during aurora conditions. The reception is normally taking place from a location well within the aurora curtain. It also is usually only one station, although it may come from an entire region. Many times this station will be interfering with aurora reception on its frequency, and will be skipping over stations that are in the same direction, but nearer, and are blocked out by the aurora. An example of this was KITC-1460 Dickinson, ND in all alone with WACO-1460 Waco, Tx. KSO-1460 Des Moines, IA, in the same general direction as Dickinson, normally dominates 1460. But the aurora knocked KSO out, along with other regular pests WGBB Harrisburg, PA & WBNS Columbus, OH, allowing KITC to come through. Exactly what causes reception of this variety is not really known. There have been several theories though. One involves the existence of a hole in the aurora curtain. Another suggests that low angle reflection may take place in isolated instances during aurora. Low angle reception would not explain the KITC logging, since low angles

would produce a nearby station, such as KSO, and shouldn't cause reception of a station nearly 1000 miles away.

One pattern that has been noticed over the years is what we call the Johnstown Effect, named after reception of WIZR-930 (now WMYL) Johnstown, New York, which occurred at SFS the day before the Great Aurora of the 16th (Sept. 16, 1974). This Johnstown Effect, which doesn't take place every time aurora hits, consists on unusual reception to a Northern latitude or direction not normally received in your area, on a frequency generally congested due to interference, just prior to the beginning of a geomagnetic storm. Many times, Johnstown Effect reception will be almost interference free. The best instance of this reception type took place in the fall of 1981 with the reception of KTOQ-1340 Rapid City, South Dakota in Chicago. Unfortunately, when receiving a station of this variety, you won't know it was Johnstown Effect until the aurora begins (thus it can't be used to forecast aurora), since you won't know if it was caused by good radio conditions or an approaching aurora. The exact cause of this Johnstown Effect is unknown. I have two possible theories. One is that nature can somehow sense the impending arrival of the solar energy that induces aurora and attempts to compensate. A second possibility is that the first solar energy to arrive may enhance rather than obliterate northern latitude reception. In any case, this is a question for scientists to answer.

Since this is an article about aurora DX, it is only fitting that the reception conditions present during an aurora be discussed. In order to do this I will use as an example what we in Chicago use as the yardstick to measure auroras, the one that took place on September 16, 1974... THE GREAT AURORA OF THE 16TH. Everybody in CADX who was DXing that morning received in the range of 15 new stations. Tales and accounts of this great opening, disseminated to DXers not in the hobby at the time, causes their eyes to open wide and say such intellectual phrases as... wow! The morning was completely dominated by the deep south. Nearly every frequency, even the graveyarders, had incredible loggings. The morning was so spectacular that the bottle of Coke I had opened at 11 PM was still 3/4 full at 3 AM (to coin the CADX phrase "A one Coke morning" to describe a good DX session). There was just too much in to keep up with (I gave up logging the new stations by midnight & just scribbled down reception details for logging later). Some examples of what was heard: 1230 was being dominated by WNVY Pensacola, Florida & WRHP Huntsville, Alabama. Other GY channels produced Florence, Alabama; Springfield, Missouri; Perry, Florida; Jacksonville, Florida; Many, Louisiana; Houston, Texas; Greensboro, North Carolina; & Kingsport, Tennessee.... And there was no interference. Sunrise skip was also unbelievable with 250 watt WSST-800 Largo, Florida dominating its frequency. Another very unusual logging, WPUL-1130 Bartow, Florida, was made on a frequency normally cluttered by high powered stations. What caused this morning to be so great was the combination of a moderate aurora (A index around 50) with a Monday morning and the sensational southern conditions that prevailed throughout the 1974-75 DX season (even when conditions weren't auroral there was good DX to the south). Thus the Great Aurora of the 16th combined the 2 ingredients necessary to produce a sensational aurora opening: an aurora of moderate-major levels and great skywave reception to the south.

The above example of great aurora shows one important thing about aurora DX, don't ignore the GY channels. While not all auroras will produce good GY channel DX, some will. In fact, some will provide sensational loggings, as with the Great Aurora of the 16th. Here in Chicago we frequently get the Carolinas, Florida, Georgia, Alabama, Mississippi, Louisiana, Kentucky & Tennessee Gyers during aurora. Sometimes they will be in for only brief stretches, as many times southern skywave will last for only a short time. Most will be nowhere as spectacular as the Great Aurora of the 16th, but if you are there at the right time you may get something good. The biggest hinderance to good GY aurora DX is interference from groundwave signals. I have found, over the years, that groundwave reception seems to be improved by aurora. Sometimes stations you rarely hear will be in on aurora. This improved aurora groundwave seems to particularly effect the GY channels. In Chicago, stations such as WSJM & WRJN, both on 1400, make the channel unuseable for DX (both of the stations are received via groundwave during the daytime & during aurora seem to be about as strong on nightpower as in the daytime).

As is my custom, I will close this article with some aurora DX pointers;

1. Regularly consult WWV for current propagation conditions. When aurora is present, check every 3 hours for the current K index.
2. Don't always assume that an aurora will occur when one is forecast. Often the forecasts prove to be inaccurate.
3. When DXing aurora try to determine reception patterns in your area, such as the 5 types I discussed for the Chicago Area. This will help you log new stations when future auroras develop.
4. Not all auroras are good. If there is no skywave to the south there will be no DX.
5. Keep an eye out for unusual type reception to the north of your location during an aurora. Sometimes Marshall Effect type loggings will occur.
6. DX the graveyard channels. Many times they are great.
7. Aurora DX often goes up and down in quality during an opening. For this reason it is important to keep tuning around looking for DX. Sometimes dead conditions one hour will be very productive the next.

8. Aurora many times will improve groundwave. While this can create interference, & increased slop from locals, it can also provide an opportunity to log real close stations that may have been too interference laden in the past. I once got very rare WKKW-1150 Rockford, Illinois via aurora groundwave S9+40. WKKW had only been heard twice before in 10 years.

1983 TIP TRADERS LIST update

2.2

Listed below are DXers who wish to be contacted during the indicated time periods about DX tips. This could be a late-breaking CPC test, NSP station off the air, daytimer heard testing, daytimer on past its nominal s/off time, or pipelines to certain regions. Please call the listed person only during times specified below, using the state as a guide to which DXers will benefit most from your tips.

All times Eastern Local

NAME	State	Days/time to receive calls	Phone number
Ray Arruda	MA	Seven days 01-05	617-998-3958
Ernest Cooper	MA	Six days exc: Wed 01-03 + SSS	617-487-9337
Tony Fitzherbert	CT	SSS	203-336-8959
Paul Mount	NJ	SSS, MM	201-836-1137
Joe Fela	NJ	SSS	201-561-1685
Steven Paradies	NJ	SSS, SM, MM	609-825-8212
* Jeff Kadet	MD	SSS, SM, MM, other days to 02	301-654-1876
Bill Coleman	NC	Seven days to about 04	919-443-3551
Dave Fox	PA	SSS	215-373-4400
Dave Whatmough	ON	MM, SM	416-527-0383
Jerry Starr	OH	MM	216-534-1394
* Frank Merrill	OH	"NSP" -- anytime	419-866-8589
Ken Romstadt	OH	MM	419-475-3089
Gary Siegel	OH	"Let ring 3 times or less" MM, SM, SSS	419-726-1405
Bob Walker	OH	SSS	513-874-8289
David Reitz	KY	SSS	502-239-8300
* Robert Kramer	IL	MM to 02, all nite SM	312-262-6299
Eric Loy	IL	SSS	217-586-3255
Mike Knitter	WI	MM, SM, SSS	608-423-4159
John Rieger	WI	MM	414-476-3652
Steve Francis	TN	SSS	615-982-3122
Bill Whitacre	TX	MM	214-343-1433
Don Erickson	CA	MM, SM, SSS	714-687-5910
Albert Lobel	CA	MM 02-08, SSS + unlisted #	[ 714-484-0604 714-566-0002
* Mark Strickert	CA	SM; 2100-0230 other nights	415-752-4245

\*indicates new or updated listing. MM=Monday Morning SM=Sunday Morning SSS=Sunset Skip/Early Evening

Words of clarification on the operation of the tip traders list: It is meant to be a cooperative system. The person with the tip should determine who on the list could use the information. He then should call some of those people, asking each person called to relay the message on to others (specify who) on the list. For example, a PA DXer calls Mike Knitter in WI, asking him to call John Rieger; he also calls Frank Merrill in OH, asking him to call Gary Siegel and Ken Romstadt. If you're asked to call someone, please do so; you may be the person getting the relayed message next time. It should all even out between calls made and tips received.

On the contrary, do not call only the column typist, expecting him to call everyone appropriate; that's why the numbers are printed here in the bulletin.

Next full list will be in late September. Thank you. 73

Paul Mount 471 Emerson Ave. Teaneck, NJ 07666



REPORT FROM CHARLES TAYLOR-OKINAWA

- 548.970 CHINA, People's Republic, Fujian Prov. Zhongyang Renmin Guangbo Diantal first noted 0200 (1100 local) 10/7/82 as a gurgle under local JOAP-549. Looped JOAP to reveal this powerhouse in 100 KW region (we're 20 KM from JOAP). Has a decidedly negative drift, reaching about -100 Hz in Jan. 83. Corrected to #30 Hz in Mid-Feb. Now (3/18) abt +7 Hz. (CAT)
- 576.630 PHILIPPINES, Mandawe City DYIM taped at 2300 3/5 ID Time, w/ Inian.....M-B-S, Maharlika Broadcasting System, D-Y-I-M, sinko-syete-seis sa inyong manga radyo.....dakbayan kan Sugbu" (This is MBS (etc), DYIM 5-7-6 on your radios...City of Cebu"). Note that Cebu City is nowadays frequently referred to as Sugbu (pre-Spanish, colonial period name) One of RP's most off-freq. sts.(CAT)
- 593.895 PHILIPPINES, Quezon City DZBB noted 0204 (1104 local) 12/27/82 w/Fujian looped, w/Christmas greetings from GMA Radio/TV and D-Z double B, then back into balita (news), sponsored by Filipinis Life Insurance Co. Vy unusual reception for this time of day (750 mile path over mountains and sea) Poor w/QRN de Shandong Freq. corrected to 594.000 by 2/13 (CAT)
- 755.997 PHILIPPINES, Naga City-DWNW noted barely on top of channel at bottom-of-hour 2229 ID: This is D-W-N-W, Naga, 7-5-6 kilohertz a radio station of .... Member K-B-P." Then TC and chatter in standard Bicol lang. Alerted to this one's reactivation (w/10-KW) during last visit to Clark AFB, Philippines, in Feb. (CAT)
- 801.000 GUAM, Agana-KTWG first positive ID 0900 1/17 after many tries, Usually buried under KCBS-801 (N. Korea), plus much attenuated by 100-meter high ridge east of home. Much hetting and poor. ID: ".....here on Trans World Radio, next. It's 7 O'clock here at K-T-W-G in Agana." KGUM-576 and KUAM-612 much easier from here (CAT) (Charles: Isn't KGUM on 567? PH)
- 810.000 U.S.S.R., Vladivostok noted 2100 1/16 w/1st pgm. celeste IS leading to hour (over FEN Tokyo and under Zhejiang, PRC synchro OCs) FEN-810 pip on hour, then buried under drumroll and opening stanzas of "East is Red" orch. as Zhejiang opened on 810. Poor. (CAT)
- 870.000 HAWAII, Honolulu-KAIM My first one East of Guam (See KTWG-801 for reason) taped at 1000 12/26/82 w/JOGB-873/Kumamoto looped and Tiengnoi Vietnam (Ho Chi Minh City-870) not yet faded in (usually there's a 0.3 Hz or abt. 5 Hz carrier beat between the two). IDed as "A-M 87, K-A-I-M, Honolulu" Poor (CAT)
- 980.999 PHILIPPINES, Bacolod City-DYBQ noted first time 0045 1/16 noted well over CPBS/ZYRGD synchros, w/"Radyo Patrol" prog. and string of numbers (prob. phones) and quick ref. to "D-Y-B-Q" Poor. Prob. next to DWWW-630 and DXCC (natch) as most-frequently heard Filipino up here (CAT)
- 1071.006 TAIWAN, Taipei BED57 BCC News net. Taped at 0300 (noon local) 2/21 and solved a long-time puzzle after some careful listening. Not// to other, BCC1 2 or 3 net sts. but goes thru hourly BCC full orchestral fanfare right after BCC (NHK-type) hourly pips and TC. After fanfare, ID as "Zhongguo Guangbo Gongsu ("Broadcast Corporation of China.....") Xinwen Guangbo...." (".... news network....") then opening stanza of William Tell Overture. Fair this date, and well over normally heavy QRN de Tianjin CPBS/RGD and JOFK Hiroshima (NHK-1) which were audible this date only as usual 2-second spaced PRC pips, and as NHK pips lagging BCC's NHK-type pips by abt 100 milliseconds, respectively (CAT)
- 1161.928 PHILIPPINES, Daet, Camarines Norte DZMD noted at 1200 1/21, easily split for 1161, albeit only poor w/much chatter from 1161 and HLSR-1170, ID: "People's Broadcasting Network, D-Z-G-B, Daet. 11-61 kilohertz. Your all-time winner in radio"(Note mention of wives hometown, Sorsogon, made by heart skip a beat or three, hi) TC and programming is Tagalog language (I would have expected Bicol lang), w/mention of nx report from Labo, Camarines-Norte (CAT)
- 1296.000 CHINA, People's Republic, Shanghai educational station. Taped 0700 (1300) 1/7 for umpteenth time, this time closest to ID I've hrd one this one. Strong OC till hour minus 17 seconds,

1296.000

then multi bugle fanfare prefacing orchestral/piano opening theme (sounding vly much like Ferrante and Teicher), overridden by 6, 1=KHZ second-marker pips and final, 1.5 khz hour-marker pips and final, 1.5 khz hour-marker pip, then opening anmt. " Shanghai....jiaoyu ("educational")..guangbo ("Program"), Then theme music continues, followed by "English for intermediate levels in now on the air" in female voice, repeated then by male voice. Then female voice: "Hello, comrades. In this period, we begin to learn...." Classy Shanghai operation, including lively Shanghai-type pips. Fair, w/vly slight QRM de local FEN-648, Okinawa 2nd harmonic down beneath. Note that Shanghai-1422 ed. station uses this same type format. (CAT)

1555.020

UNID, This seasonson's prime mystery, taped at 2105 10/10/83 apparent closedown. Lang is Arabic as spoken very stridently by man, with much reverg (closer to an echo), accompanied by martial band music w/added drum rolls on kettle (midrange) drum at 2-second interval. Listed is 10 kw Ardebil, Iran, but lang, here is arabic, although tone of broadcast is vly strong assertiveness as expected from Iran. Can anyone advise on this. No, this is not DYLA-1555 Cebu (who has found a happy, warm home on 909 khz) (CAT)

# The 1983 IRCA Convention

Spring is here. And with it, a DXers thoughts turn to -- you guessed it -- the next IRCA convention. This year's convention will be held in Seattle, one of North America's most scenic and most liveable cities. Seattle is just a few hours away from snow-capped mountains, the Pacific Ocean, three national parks, Grand Coulee Dam, Mount Saint Helens (don't worry, it's downwind from us!), and many other scenic attractions (including a few in the city itself). If you

have ever wanted to see the beautiful Pacific Northwest, the 1983 IRCA Convention is the best excuse you'll ever have.

Seattle's IRCAnS are currently hard at work on what promises to be one of the biggest and best IRCA conventions ever. It will be held July 1-4 at the Mayflower Park Hotel, 4th and Olive, in downtown Seattle. Room rates are \$38 single or \$44 (\$22 each) for twin or double accommodations, not including (cough cough) 12.9% tax. Convention activities will include:

- Tours - including a couple of local broadcasters, plus the Coast Guard's Vessel Traffic Service Center (similar to an air traffic control center, except it's for boats). Hopefully, we'll also tour the Navy's VLF transmitter at Jim Creek, if we can talk them into it.
  - Talks - by IRCA members and/or guest speakers
  - A Beverage DXpedition
  - The annual banquet and auction
  - A goodie bag for each attendee, filled with station promos and other freebies
  - Plus plenty of time to meet other club members, talk DX, and sightsee
- Convention registration will be \$8.00 if paid in advance, or \$9.00 if paid at the door. Banquet will be \$11.00 if paid in advance or \$12.00 at the door.

Hotel reservations must be made before June 17 for guaranteed accommodations. The hotel expects to be filled that weekend, due to a convention the following week, so get your reservations in as soon as possible. If you prefer twin accommodations but can't find a roommate, let us know and we'll try to match you up with someone. The hotel accepts Am Express, Carte Blanche, Diners, Visa, & Mastercard.

Items for the auction can be sent to Phil Bytheway, 9705 Mary Avenue NW, Seattle, WA 98117.

Watch these pages for more convention news. In the meantime, send in your registration form and get ready for a great time in Seattle.



**Seattle,  
The Emerald City.**

CONVENTION REGISTRATION FORM: Mail this form (or a reasonable facsimile) to  
Bruce Portzer, 6546 19th Avenue Northeast, Seattle, WA 98115

Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

City, State/Prov, Postal Code \_\_\_\_\_

Please reserve my room for the following nights:

June 30 \_\_\_\_\_ July 1 \_\_\_\_\_ July 2 \_\_\_\_\_ July 3 \_\_\_\_\_ July 4 \_\_\_\_\_

Other \_\_\_\_\_

Accommodations desired:

\_\_\_\_\_ Single \_\_\_\_\_ Double(2persons/1 bed) \_\_\_\_\_ twin(2 beds)

Name of roommate \_\_\_\_\_

Note: room reservations are held until 6pm. If you plan to arrive after 6,  
include first night's room deposit or credit card number.

I plan to arrive by: car train bus air other \_\_\_\_\_

Date & time of arrival \_\_\_\_\_

I plan \_\_\_\_\_ don't plan \_\_\_\_\_ to attend the banquet.

Enclosed is: \_\_\_\_\_ \$11 for the banquet \_\_\_\_\_ \$8 convention registration  
(convention & banquet payment should be made payable to IRCA)

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