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CONGRATULATIONS!

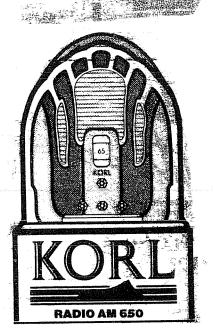
Rich Segalas reports by phone that our new Board of Directors member is Rich Toebe. Rich won an election that included several well-qualified candidates, any of whom could have done an excellent job of representing the club members. Congratulations, Rich.

Some items for Sale

We've accumulated another collection of International Reply Coupons here at club headquarters. As you're probably aware, they can be used in lieu of return postage when writing to foreign stations. They cost 85¢ if you buy them at the post office. We'll sell them to you for 60¢ each, while they last. Be sure to include a self-addressed stamped envelope with your order.

We also have some old DX Monitors from the last few years. We'll let you have them at a cost of \$5.00 for 25 copies.

We won't guarantee that we have any particular issue, but we will make sure they fall within the time frame you're interested in (as long as it's a year or more.



The BEST in Christian Radio 24 hours a day

K-LIGHT 1040 AM

NEW BOOK NEWS: We recently received a flyer on a new book about shortwave listening. It's called Shortwave Radio Listening with the Experts, edited by Gerry Dexter. It's more than 500 pages long, with about 200 illustrations, and published by Howard Sams. You may be able to find it on the rack at an electronics shop or ham radio dealer. Otherwise it's available from Tiare Publications, PO Box 493, Lake Geneva, WI 53147 for \$22.95 plus \$2 P/H (US/Canada). It covers antennas, receivers, propagation, languages, taping, QSLs, ANARC, computers, pirates, numbers stations, MW DXing (written by IRCA member Karl Forth), Utility DXing, FM DXing, ham band DXing, SWBC, and other topics. Many of the chapters are written by persons who are well-known in DX clrcles.

Eastern DX Roundup

Grardner Smith, Editor 1(00) Perry Street, N.E. Washington, D.C. 20017 All Times EST—Deadline Saturday

CONTRIBUTORS to the column are: • DLR-KY: David L. Reitz, 9332 Fairground Rd. Fern Creek, KY 40291. R-1000, R. West Loop with an outstanding report this week • GS-MD: Gardner Smith. Gien Echo, Md. Satori 2010, 7600D. Zen loop • JHD-P4: John Demmitt, Box A K0848. Bellefonte, PA 16823. Sony ICF-S5W • JH-PIT: Jim Hall. 240 Byron Rd., Pittsburgh, Pa. 15237. R-71A. beverages, mini-bevs • RCR-PA: Robert C. Ritchey, RD 1, Box 738, East Freedom, Pa. 16637 • WW-RI: William Wylie, 95 Peck St., Franklin. Mass. 02038, but DXing on Prudence Island, R.I. with Sharp GF-450/indoor ant.



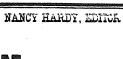
* C	F	S	PECI	AL INTEREST
kŀłz	Call	State	City	Date/Time/Reporter/Notes
690;	KHEY	TX	El Paso	7/15-0211 JH-PIT. Came up w/Cuban QRT w/ment of El Paso & a Mex province. then what seemed like lots of sports nx. Back a few min later w/ref to Houston. Condx seem right w/XEDM 1580 in strong
720	WGCR	NC	Brevard	10/31-1800 RCR-PA. Song "Thank God and Greyhound Your'e Gone" [Hope they aren't talking about Karl Zuk] by Roy Clark. S/off by m, ment. of 1 kw. [I don't even have this written in, it's so new]
770	KATL	MT	Miles City	10/26-2055 DLR-KY. Fr o/u WABC, very surprising. Pop mx format. I called Dave Warren in Miss., and he heard them too.
770	WJMM	KY	Nicholasville	10/13-1830 DLR-KY. "Country/Gospel 770." s/off 1900. Gave QTH as Nicholasville-Lexington. New stn now on the air
810			UNID	JH-PIT. U.S. stn at 2228 w/Dick Clark (promo in progress). Who's D. Clark and on this late on 810? [Beats me]. Mixing w/Bahamas. WGY
820	WRFA	FL	Largo	10/29 1757-1800 RCR-PA. New station. Sports talk show. Caller asked about the callsign and ancr said it was "WRFA Radio For America" and that they were CWM during the day with a 2-hour sports show. At 1800 ID "This is WRFA Largo, Florida, Radio For America, soon to be on the air 24 hours with 50,000 watts, good night," and gone. [Nice going, Robert. Castro will love it]
860	KKOW	KS	Pittsburg	10/30-1833 JH-PIT. Fairly dominant w/local bkb report, pgrm refs, ID
860	KOSE	AR	Osceola	10/31-1939 JH-PIT. Razorback football spot & "Your station for sports, 8-60 KOSE." About 3-4 others under, excluding CJBC [One of them may be WBGR Baltimore, now AN]. +11/I-0025 JH-PIT
870	WQRX	AL	Valley Head	10/31-1812 JH-PIT. "R-X 87" slogan; s/off 1815 ann. 5 kw (2/22/86 DXM CP list days D3 2.5 kw). o/WWL at times, and best after 6 pm s/offs of WKAR and WPRQ

9-1-1-1	-	***************		
860t	CFNS	Sask.	Saskatoon	7/15-0023 JH-PIT. FF briefly in w/CJBC FF (but definitely a different stn). Anyone (Mark, William, Emie know if CBH Halifax runs any FF pgrms?
930	CFBT	NB	St. John's	10/31-2008 JH-PIT. "93 CFBT" & pop-rock (Canadian format w/dj. <i>Bombing in</i> mostly on top. Recently granted a patern change. It favors WSW and may be the best befor NB for much of the us. [I show CFBC]
1020	WRIX	SC	Homeland Park	10/26-1725 DLR-KY. S/off ments, 1 kw, "WRIX Homeland Park-Anderson." Evening prayer, and off +10/30-1822 RCR-PA. S/off by m, hymn, but no SSB. Fair u/KDKA
1030	WMIN	MN	Maplewood	10/26-1746 DLR-KY. Mutual football (Falcons/Rams), spot for U-MN football; way o/WBZ. A pleasant surprise. Absolutely superb NW opening tonight. [Very nice catch!]
1030	KTWO	WY	Casper	10/26-1928 DLR-KY, Gd. "Denver Bronco football on your voice for news, information, and sports in Wyoming, 1030 KTWO, Casper." Noted several times again later in the week, quite good. [Another outstanding catch. David!]
1120	WMKS	GA	Gordon	10/18-1900 RCR-PA. Fr. S/off by m, ment of 10 kw. no SSB
1160			UNID	10/31-1753 JH-PIT. Sounds like WNPL or similar. Not a spot for NPR or the Mich. Pub. Radio net on WKAR. [WMTL Leitchfield, Ky.]
1160	KAAN	МО	New Hampton	10/31 1825-1845 JH-PIT. Occ o/WWL in long fades w/fadey 3 kHz het on wide filter. Campaign ad for Harrison Co. w/statements, spot for King City Lumber Co; into Robert (?Newark?) sports talk show at 1832. Later hrd s/off 1841 w. "R. Can." Station granted Bethany, Mo. in '84: anyone know if this is current city of license? Still 250 watts? [No, granted 1 kw recently, and I still show Bethany]
1160			UNID ,	10/31 1845 JH-PIT. Anr stn came up briefly w/ KAAN [see above] and WWL w/Ronnie Milsap record [so prob. CWM]. KPRM or Fort Worth? Doubt KUUY, but a possibility
1200	CFGO	ON	Ottawa	JH-PIT. Ex-1440. Sometimes audible daytimes on bevs, mixed w/WKOX and anr. a Penn.
1374.	2 1	13-14-14-27-0	St. P&M	JH-PIT. Matt Stutterheim and I agree that St. P&M is low. He notes it is generally gone by 0930 (LSR) and here it's best on TA wires when in. [I can't remember the last time I logged it myself. A long time]
1580			UNID	11/1-0050 JH-PIT. High school football (Warriors), ments of "here at Lamonte," "1580 Radio," ad for ('Garlands') furniture, phone 553-5611; possible town ments of Stanwich, Roseville & Cale Springs. Need a CDXR member to check to see if this was KTGR
1580	KTGR	МО	Columbia	11/1-0125 JH-PIT. Mixing w CBJ w/spot for Country Closeup, "right here on 15-80 KTGR." (Similar to above UNID), into CWM. On PSSA? Deep Latin het on freq, traces of the Colombia present.
kHz	Call	State	OTH	L O G C I N G S Date/Time/Reporter/Notes
530	CJFT	ON	Fort Erie	JH-PIT. Occasionally audible off back end of LA bevs here +10/3-1948 WW-RI. Pr. w/rock mx in severe QRM from beacon NB North Bay. New catch [I wonder what the CJFT audience thinks of that 1020 Hz Morse code]
570	WKBN	ОН	Youngstown	10/25-0923 JHD-PA. Fr. "Radio 57," PSA for United Way
590	WLVA	VA	Lynchburg	10/28-2320 GS-MD Slogan: "Classic 59," w/soft & oldie rock. Not a slick operation; mellow & laid back. New catch. Where has this stn been all my life?
590	WMBS	PA	Uniontown	10/28-2330 GS-MD. Mostly u/WLVA in null of Cubano
640	WOI	IA	Ames	10/31-2100 JH-PIT. On top on E-W wires w/"CBC As It Happens" with RCI interval signal at end; into BBC

640	WHLO	ОН	Akron	10/25-0942 JHD-PA. Gd. DJ taking phone calls [Gospel/religious format]
690	WVOK	AL	Midfield	10/29-1813 RCR-PA. "70-VOK" [New Math], into rock oldies. ID "WVOK with the Best Oldies around." Disappeared at 1815, but good til then
790	WNWS	FL	South Miami	11/3-0030 JH-PIT. In well w/IDs, call-in
790	WLSV	NY	Wellsville	10/17-1810 RCR-PA. Fr/gd. Ment of Ray Stevens show, spot for A-Plus Mini-Market, mx by Janet Jackson.
800	CKLW	ON	Windsor	10/25-1020 JHD-PA. Optical co. offering 35% off for American dollars
800	WCHA	PA	Chambersburg	10/25-1025 JHD-PA. Gd. Rotary scholarship drive w/\$5000 cash prize
810	КСМО	МО	Kanasas City	10/31-1837 RCR-PA. Sports commentary about U. of Md., into sportstalk, briefly o/WGY
850	KOA	CO	Denver	10/31-1930 JH-PIT. Bombing out WRMR at time w/Halloween refs, TC, ID
920	CFLS	PQ	Levis	10/31-2018 JH-PIT. Loud w/ FF rock, ID
1050	CFYN	ON	Sault St. Marie	10/3-2110 WW-RI. Gd. but fuzzy w/QRM from WHN/CHUM [the channel bullies]. Mx by Lionel Ritchie, Supremes. New catch
1090	KAAY	AR	Little Rock	10/30-1822 RCR-PA. Gd. Gospel mx, "Keep on Keeping On."
1160	WFEN	MI	Fenton	10/26-2005 JHD-PA, Gd, Local nx. [Someone needs to get a QSL from them with data on the pattern from the CE]
1190	WANN	MD	Annapolis	10/26-1728 JHD-PA. S/off by man. No SSB
1190	WLIB	NY	New York	10/26-1730 JHD-PA. Spot for Empire Inn for adults
1190	WCBV	WV	Bluefield	10/26-1735 JHD-PA. Gd.
1210	WKNX	MI	Saginaw	10/25-0852 JHD-PA. SS pgrm & mx, spot for Halloween party
1260	WNRK	DE	Newark	10/20-1825 JHD-PA. Wk. s/off by man in QRM from WPHB Phillipsburg. Pa.
1440	WRRO	ОН	Warren	10/23-2108 JHD-PA
1550	WCCZ	**FL***	New Smyrna Bch	quartet giving addr. 109 Canal St. New Smyrna Beh: tel. 427-1550. S/off ments 2030 by fw/men "All country, all day (may be their slogan, Rich Toebe) So format is still CWM. Still 250 w? Must have been on PSSA though. Only on south bevs o/CBE
1560	KQYX	МО	Joplin	10/31-1837 JH-PIT. Ment of Cherokee Co. highschool. local football ments
1580	KFDF	AR	Van Buren	11/2-1950 JH-PIT. o/u WEAM (Ga.) w/spot for Ft. Smith; several IDs, wx for AR/OK
1580	WCCF	FL	Punta Gorda	10/27-1842 DLR-KY, Gd. "Charlotte County Country WCCF." CWM, ABC nx at 1900
l	KATZ	МО	St. Louis	10/30-1830 RCR-PA. Gospel mx. gd. but abrupt disappearance [Pattern change probably. Good catch.]
LEV.	Commania	in mid a non	unen benolesse f. Largard	itorial comments, SSS: Suncer Skin: SRS: Sunrise Skin: SID: Sung ID:

KEY: Comments inside square brackets [] are editorial comments. SSS: Sunset Skip: SRS: Sunrise Skip: SID: Sung ID: SS: Spanish: FF: French: OC: Open Carrier; TT: Test Tones; MX: Music; WX: Weather: QRM: Interference; QSB: Fading. QRU: That's all there is, there ain't no more







Phone for hot WDXR tips: (206)532-6827 7-9pm(PLT)

DEADLINES: Mondays in December, Tuesdays in Januar & February

REPORTERS FOR THIC ISSUE: (TRH) Tim Hall-350 G ST. #F-1-Chula Vista, CA 92010 ICF-2010, Radio West loop

(SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA Realistic TRF, 3' wedge 90732

Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118 GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST

700/850 CKRD AB, Red Deer 11/3 0840 while casually listening to CKRD-850 heard ment. that "in an hour & 20 min., CKRD becomes a thing of the past, the all new Radio 7, CKRD, is moving to 700 kHz..."

Tried tuning in to 700 at 1000, but only had a very weak KFAM & strong KCRV, no trace of CKRD. Tried Mon. night again, but if in there, very weak so apparently has altered their night pattern significantly, perhaps to protect KFAM & KGRV. They also told me 2 weeks ago they weren't moving to 700 for a long time still: (RW-CA)

720*7KSAH?*TX, Universal City 11/3 0300-? noted ET ing tent. most of the morning u/WGN/KUAI. Most likely KSAH, loop SE. Was sked to come on the air this week. (RW-CA)

AB, Red Deer still here 11/1 0622 with OM ID, promo for contest (win a Mustang Convertible). Announced they would be moving to 850 CKRD AB, 700 on Monday 11/3. Reports that they had moved last week were

premature -- they were still testing. (TRH-CA)
1400 (KAAP) CA. Santa Paula 1400-AM and 96.7-FM have both been off the air
for a couple of months, and are still off as of 11/3/86. Reason unknown, and no one ever answers their telephone, despite

repeated calls. (SMM-CA)

repeated calls. (SMM-CA)

CA. Riverside 11/3 0920 call change, ex-KMAY logged with "Back to the Bible" program, ID barely floated above KXES/KCVR, then back into mud, KPMC/KDAY slop. Ripply QRM. (RW-CA) 1570 KPRO

DX TFSTS

1260 ?WDKN? TN, Dickson MM 11/3 0200 noted tones, no IDs, weak u/KOIT. KGIL, CFRN. Possibly wDKN test, but per IRCA Almanac, could be regular f/c of KFGQ-IA. Both seem like longshots. (TRH-CA)

CA. Hesperia per a friend of mine who lives in Hesperia, KSHO is shooting for a Dec. 1 start date. They are currently lining 540 KSHO up DJ's and staff. Format is supposed to be light rock. (SMM)

KOAL UT, Price 11/3 0430 has moved to 750 from 12301 Freq. change 750 ex-1230 for me. XInt signal way o/KAMA/KERR/1 most of time. C&W music, ABC news on hour. CP lists power as 10,000/10,000.

They told me just 2 weeks ago they weren't moving to 7501! (RW) 980 $\underline{\text{CA}}$. Los Angeles has added ABC, so they now carry both NBC & ABC KFWB news reports. KFWB doesn't carry the 5-minute top-of-the-hour

news from either network, though. (SMM-CA) 1250 KWSU

news from either network, though. (SMM-CA)

WA. Pullman 11/5 0243-0259 fair u/KTMS with YL local election
results for ID & WA, mentioned "Northwest Public Radio." ON
weather, s/off 0259. New, WA #13. (TRH-CA)

AB, Edmonton MM 11/3 0216-0236 poor u/KOIT/KGIL with 1970's
AdCon, OM IDs. XEMW apparently off. KOIT & KGIL both airing talk 1260 CFRN programs, made it easier for CFRN to poke through. AB #9. (TRH) entinued on page 4

ij



EDITOR: JIM HALL # 240 BYRON ROAD # PITTSBURGH, PENNSYLVANIA 15237, U.S.A.

Still some apparantly Cuban jamming activity of late, and it seems to be increasing somewhat (so what else is new?). They are showing up throughout the band with their familiar bubbling variable-carriered unstable transmitters, so be on the lookout for them. Fairly standard conditions so far in November; but a good report from Robert Ross and some interesting veries from Bill Harms, as well as a list of unID's/unID carriers from me should prove that DX is still being heard, so please contribute when possible. Times are GMT/UTC:

TRANS-ATLANTIC DX

- SPAIN?. 0527 10/10: Poor w/SS mx/singing, 5 pips @0530. Woman in SS, fol/by man in SS. WABC QRM. (Ross-ON) (Quite likely was the synchros. Spain stns here the ttime is right, the language is right, and the 5 pips on the $\frac{1}{2}$ hr are Spanish. ed) 774
- ALGERIA, Alger RTV Algerienne 0300 10/1 : AA nx man reading (Koran? ed) into AA 891
- Chants by man. Hetting 890. New. (Ross-ON)

 SAUDI ARABIA. Duba 0305 10/21: Good w/AA chants by man, w/string mx. Slop from 1520, new country #23. (Ross-ON) (Congratulations, Robert.) 1521

774 uniD's : Weak audio on these Trans Atlantic freq's. 0400-0420 10/12. No ID's 855 possible, but 774-spanish, 891-Arabic, and 855-Spanish. (Ross-ON) (I'd guess 774-Spain, 855-Spain, 882-Spain/German?, 891-Algeria, and 963-maybe Portugal?? Keep trying 882 891 963

PAN-AMERICANA D X

- 550a t CUBA, 0437 11/6: Regular 550 Cuban on at the time. An unstable-carriered, uniquely
- Cuban, Jammer QRMIng the area on approx. 549.1a . (Hall-PA)

 <u>DOMINICA</u>, Roseau DOminican BCing Corp. 0227-0231 10/21: Poor w/mx/singing in EE,
 man @0229 said tune in tomorrow, and mentioned 10kW signal. Off air @0231. New 595 country #22. (Ross-ON) (Although still tough, I believe some modification was made about a year ago to their ant/xmtr as they are certainly packing a fine signal anymore
- JAMAICA, Galina 0746 11/9: (:EE) ID by man "This is RJR, broadcasting.....(ment of Hontego Bay)..." after reggae cut. Couldn't find the Puerto Rican, usually in w/Jam. 580
- here when cx favor. Briefly o/Cuban. (Hall-PA)

 VENEZUELA, Puerto la Cruz YVQ0 0440 10/28: Very good w/EE rock mx % 55 pops, maie
 dj w/ID as "Ondas Portenas". (Ross-ON) (Tough with the Cubans here good catch. ed)

 uniD, LA here past weeks, Cuban? (Hall-PA)

 EL SALVADOR, San Salvador YSS 0201 10/8: Poor w/talk by m, no definate ID. (Ross) 640
- 640.5 655
- COLOMBIA, Bogota: "LV de Bogota" and 3 "CARACOL" ID's at 0801 11/9, good with the 690 new Cuban off air. Before, at 0749, hrd them with the complete theme from Bond's "On Her Majesty's Secret Service', an unusual selection. (Hall-PA) (CUBA), new Progreso outlet off morning (Sunday) 11/9 leaving Cuban, uniD LA. One of the few CM's that is occ off weekedn mornings. +ON TOP 2343 11/5 w/'Programa
- Informativa Internacional, R. Progreso y R. Habana". (Hall-PA) CUBA, Sancti Spiritus or Cienfuegos or ? CMIC : Still on (refer to recent Cuban BCIr 720 article) as hrd 0750 11/9 //Rebelde net, way u/WgN. This is quite a tough outlet to pin down. (Hall-PA)
- CUBA?, possible jammer located here 0816 11/9 w/distinct Cuban instability. This has 725.8a been changing freq's often and is a hit and miss affair, and it seems that besides the fact that Cubans generally are in quite strong often at this time of the morning, that many of the jamming carriers are hid by me very early in the morning as well - is this
- just a coincidence? (Hall-PA)

 CUBA, 0250 10/21: Radio Reloj w/time pulses, ID & nx in SS under WJR. (Ross-ON)

 COLOMBIA, Bogota 0412 several "CARACOL" and "La R. de Col." ments o/WABC at times. 760
- COLOMBIA, 770 (Hall-PA)
- uniD, still occ note an LA here on LA antennas. Seems to be just slightly shy of 775 775 (approx. 774.950?) (Hall-PA)
- COLOMBIA, Bogota HJCY 0035 10/23: Gd w/SS talk by man, "Sutatenza" ID, SS pop mx, under WGY. (Ross-ON) 810 BAHAMAS, Freeport ZNS3 0205 10/22 : Gd w/nx, community events by w in EE, into rigs pgm from a church in Bahamas. Under WGY. (Ross-ON)
- ST. KITTS, Basseterre 0050 10/23: R. Paradise w/"Radio Bible Class" ID, address, 825 gospel mx. (Ross-ON)
- CUBA, Sancti-Spiritis 0359 11/5: Bell toll on hour, classical mx noted. Gd w/WWL. (hell-PA) 870
- CUBA, 0330 10/28: Radio Relof fr w/clock ticks, man w/SS ID's, nx, pips on minute. 930 Under WBEN. (Ross-ON) 6

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1162.9 CUBA?, Appears very similar to the old jammer up 620 at one time. The unstable
            carrier pitch was at even intervals (not the same as the 2-carriered job on 590a. Was not hampering 1165-Antigua though. (Hall-PA) (11-10 mid-evening)

ANTIGUA, St. John's 0107 10/9: Caribbean Radio Lighthouse, porr w/rigs talk by m,
1165
            and gospel mx. Some fading and splatter, new. (Ross-ON)

CAYMAN ISLANDS, George Town 0412 11/5: //1555 w/casual Carib. Instru. mx -- at the time was better than 1555 due to bad QXR slop, but in late Oct and through November
1205
             in the later part of the evening, 1555 has been putting in massive signals pushing
            sometimes major WOXR slop aside, occ nicely audible on wide filter. Also have noted
            HUGE carriers very early mornings at times from 1555 Cayman. (Hall-PA) on Bev's CUBA, Rancho Veloz CMEO: Barely in there with the domestics, but definately //840 0312 11/6 Dobleve w/rhyming Cuban vocal mx. (Hall-PA)
1290
            MEXICO, Hermosilio XEDM 2330 10/21: No CBJ, talk by man in SS, ID as "Grande de Sonora" Into SS pop mx (ranchera accordions? ed). (Ross-ON) (Robert, is this time
1580
            EST on this one?? ed)
            ANTIGUA, VOA 0118 10/8: Fair w/VOA nx, ID's as "VOA". Spot for program "Press Conference USA" (Ross-ON) (This and Mexico(and below Colombian) will be getting
             tougher to hear with the freq. now sounding like a regional with all the Canadian-
            Clear fulltime authorizations on. Nice catches, Robert. ed)
COLOMBIA, Barranquilla HJOZ 0800a 11/9+ other dates recently: After many tentative loggings finally nailed down a good "LV de las Estrellas" (es-trayl'-lyahs) (Voice of
            the Stars) ID. Seems to have the "CT40" (Colombian T40) hitst, and is usually best heard during the morning hours. Would be tough during/just after sunset even in AU
             cx. as domestic-skip QRM on 1580 is obviously bad. (Hali-PA)
HELP WITH uniD's:
1413
            RE Matt Stutterheim's tent. logging of OMAN 0350 9/5 :: This is most likely Yugoslavia. Due to summer time they sign on at 0300 vice 0400 in the WRTH 1986. I have heard
             them with Mideast type chanting frequently. I don't know the ethnic origin, but I don't believe it is Mideast, though it sounds very similer. On the hour they have a
             gong as Matt mentions, and then an ID as "Radiotelevizija Pristina". They are very strong and seems like a very good bet for Yugoslavia. (Harms-FRG) (You're absolutely right, Bill, this was Yugoslavia, also corrected by calls from George Hakiel and Matt
             himself a few weeks back. MANY THANKS, Bill, for taking the time out to correct this)
QSLs: (from Bill Harms in Bavaria)
             SWITZERLAND, Beromunster, Switzerland Broadcasting Corp.: Full data logo card in
531
                            of Germany, Muhlhaker, Seddeutscher Rundfunk: Full data studio drawing
576
             FED. REP. of Gen
             FED. REP. of GERMANY, Holzkirchen, Radio Free Europe : Full data map card in 30 d. FED. REP. of GERMANY, Hunchen, Bayerischer Rundfunk : Full data sticker card in 58d. FED. REP. of GERMANY, Frankfurt, AFN : No data logo card in 14 days.
720
801
873
             WEST BERLIN, RIAS: Full date studio card in 12 days.
FED. REP. of GERMANY, Munich, VOA: Full data studio card in 56 days via Wash. D.c.
NORWAY, Kvitsøy, Norsk Riksringkasting: Sent date, frequency only fish farming
990
1197
1314
             card in 46 days via Radio Norway International. (Bill, they sent me a RNI midieval
architecture stave church card (no. 10) and a R. Norway "Radio Top of the Morid"
             sticker. ed)
             NORTHERN IRELAND, Belfast : Full data plain card in 33 days.
1341
1422
             FED. REP. of GERMANY, Saarbrucken, Saardischerland-rundfunk: Full data transmitter-
             site card in 29 days.

BELGIUM, Wolvertem, Belgische Radio en Televisie : Sent form letter in 39 days.
1512
             VATICAN, Vatican City, Vatican Radio : Full data Pope drawing card in 28 days.
ENGLAND, London, Capital Radio : Full data plain card in 17 days.
1530
1548
             WEST GERMANY, Langenberg, Westdeutscher Rundfunk: Full data humorous man shouting to the big ear on another man card in 15 days.
1593
                              The Valley, Caribbean Beacon: Full data transmitter-site drawing card in
1610
             ANGUILLA,
uniD's/uniD carriers: (Jim Hall)
                                                                               905
                                                                                            0400a 11/7. Often in LA cx.
                                                                               916
                                                                                            1012 10/31, faded quickly.
654.2
             Not El Salv. at 2352 10/31.
                                                                               919.2
                                                                                            0341 10/27.
670.5
             Probably a high LA, often hrd.
                                                                                            0403 11/1, very weak.
                                                                               925.2
                                                                               944.1
677.7
             0233 11/2.
                                                                                            0331 10/30.
             Weak at 2219 10/28.
                                                                               1142.1/1143 hetting ea other. 1142.1 oft.
715.6
             0316 10/24, again on 727.9 0330 10/27. 1043 10/31.
                                                                                            in, sds/lk a buzz jammer??
0400a 11/7.
727.8
738
                                                                               1193.7
747
             1047 10/31.
                                                                                            0645 10/26 on TA wires.
                                                                                1355
                                                                               1394.2
766.8
             0815 11/9.
                                                                                            0327 10/31.
                                                                               1425.6
773.1
             0823 11/9.
1054 10/31.
                                                                               1425.6 0328 10/31 - SA?
1511.5 0328 10/27, LA?
774
```

CREDITS:

(Ross-ON) Robert Ross, TS430S, lw, box lp. (Harms-FRG)BIII Harms, Near Munchen, W.Ser. (Hall-PA) IIn Hall, Editor - 871, Bev's 7

785.6

854.5

881 .1 884

815

2221 10/28.

Occ noted in good LA cx - SA?

2310 11/2, maybe a mixing freq. 1010 10/31.

DX Worldwide - West



PRT MRRTIN P.O. BOX 843 SERSIDE, OR 97138

Time: UTC phone (503) 861-3185

DEADLINES: 11/18, 11/25 12/2, 12/9, 12/16.

DX this week found a very strong CKRD Red Deer, Alberta on 700 KHZ. blasting with 50,000 watts. If CKRD is normally that strong you can say goodbye to 700 and 702 KHZ. It was so strong on the SP-600, CKRD was almost wiping out KIRO with splash!!! Hopefully that was just an Equipment test and they were adjusting their pattern. Time will tell... In other news. If you are looking for that rare Singapore catch on 792 KHZ, the Japanese Dxers have been hearing a strong mainland China station on 792 KHZ, so be carefull and besure you have Singapore as they do broadcast in Chinese as 792 KHZ is their multilanguage frequency. In other news: PEOPLES REPUBLIC OF KOREA: KCBS Sinuitalis now on 864 KHZ, ex 860 KHZ from FERC and H. Fujita. On with reports:

TRANS-ATLANTIC DX ROUNDUP

NORWAY, Kvitsoy 0500 10/13. Woman talking on top of hour, but Loomurky to get any ID if their was one. This particular evening TA carriers were heard on about a dozen channels, but no other audio. 1314 was the only one delivering a carrier on 10/5, 10, 12, 23, 25 and 27th. (NHP-BC)

PAN-AMERICAN DX ROUNDUP

700 ECUADOR, Guayaquil-HCRS2 Radio Secre, MM 11/3 1046 poor u/WLW, KFAH, w/man ID "La Super Sonida en Radio Sucre" Soon faded (TRH-Ca)
- 825 - CST - KITTS heard fair in slop w/Organ mx and minister at 0400 on
11/9. (PM-Or) 11/9. (Chirper Padia Capital YEIO 11/1 1135 fair to good
840 MEXICO, Tuxra Gutirrez-Radio Capital XEIO 11/1 1135 fair to good in WHAS null w/man IDs, greetings to listenings in Guatemala. Has
been strong every morning I checked. (IKH-Ca)
1110 MEXICO Mexico D.E.XERED Radio Red MM 11/3 at 1200 u/KRLA w/mexicon
althem, man w/full ID at 1203 New XE 94 (TRH-Ca)

TRANS-PACIFIC DX ROUNDUP

236 245		U.S.S.R., Magadan-1408 10/25 Orch. mx, poor to fair //4485 (NHP-BC) U.S.S.R., Vladivostok-1413 10/25 Man and woman talking // 5015 "HE" beacon notched (NHP-BC)
		U.S.S.R., Khabarovsk-1416 10/25 man and woman talking w/musical interludes //5015. "95" beacon notched. (NHP-BC)
540	ja sepandijulie istolik	JAPAN, NHK1 synchos 1428 10/9 Light piano mx //666 o/u LPRT in Unluglet and hum on channel. Nice surprise. (MMP-BC)
585		U.S.S.R., Svobodnyv, 1438 10/13 Poor to good w/pops. USSR foreign service //7300 (HHP-BC)
603	t	REPUBLIC OF KOREA, Seoul HLSA 10/23 Poor to fair w/pop mx in CJOR 600 splatter. Then man talking, sounded KK (NHP-BC)
612		3APAN, Fukuoka-3OLK 1439 10/5 Nil to poor w/piano mx //594. This 100KW tx doesn't get out in this direction, yet the 50KW NHK2 station from Fukuoka on 1017 seems to be hrd at least once in a while (NHP-BC*
648		(Both are hrd here about equal, but $J00K-637$ is much better.PM) JAPAN, Toyama-J0IG 1412 10/5 Poor w/light mx //594. No sign of USSR at this time (NHP-BC*) U.S.S.R., Vladivostok-1411 10/10 poor to fair w/soft guitar and orch. $\frac{1}{100}$ mx //7300 in CISL splatter. Never thought I would hear this again
675		with CISL move to 650. (NHP-BC) JAPAN, Yamaguchi/Hakodate JOUG/JOUK 1413 10/5. Poor to nil with plano mx //594 (NHP-BC*)

PEOPLES REPUBLIC OF KOREA, Pyongyang-1442 10/22. Hil to poor w/

woman speaking in fast KK //3320 (NHP-BC)

819

```
820
                ALASKA, Fairbanks-KCBF-1437 10/25. Good to excellent w/KCBF fingle
                then rr mx. KQIN now dark (loud cheers) NHP-BC)
CHINA?? 1500 11/2 faint CC pips hrd under gigantic JOBB pips.
Three regional stations listed. (NHP-BC)
A2A
RAK
                JAPAN, NHK1 synchos 1528 10/23 Poor to fair w/piano mx //837 (NHP-BC) PEOPLES REPUBLIC OF KOREA, Sangwon-1414 10/13 man in KK //3320
855
                nil to good (NHP-BC)
REPUBLIC OF KORFA, Kangnung-HLSR 1400 10/2 poor to good w/man in KK
AG4
                7/3930 (NHP-BC)
927
                JAPAN, Fukui/Kofu JOFG/JOKG 1422 10/5 poor to fair w/Inst mx, then
woman in JJ //594 (NHP-BC*)
                UNID 1407 10/7 Good to nil strength w/man talking sounded RR, but
963
                not quite?? Hrd at other times in early October, also at Jordan
                River, but even on hour and I hour, there was no sign of ID or IS.
                Moscow 3rd Program in here according to DXWW2, but haven't been able to find any SW //s. This is not // to any of the regular USSR services...(NHP-BC) (I have also been hearing RR here, which
                I believe is USSR. Some of their Domestic Services do not ID on
                the hour for some reason. I have heard Magadan-1008 this way many
                times.PM)
                REPUBLIC OF KOREA, 1355 10/9 Excellent signals w/woman and man in KK 7/3015. Briofly stronger than stations on 9701 (NHP-BC)
972
                U.S.S.R., Magadan 1204 10/5 Poor w/man in RR //485 (NHP-BC*)
JAPAN, Fukuoka-JOLB 1320 10/1 Fair to mil, musical interludes //
1008
1017
                828 (NHP-BC)
                UNID, 1400 10/9 5 long slow pips hrd poorly on hour, no higher pip hrd. Likely CC but which one. (NHP-BC)
1026
                CHINA, CPB51 synchos 1340 10/5 Nil to poor woman singing and
1035
                77 6665 (NHP-BC*)
                PEOPLES REPUBLIC OF KOREA, Haeju 1345 10/5 Poor to nil w/deep voiced man in KK //4557. Mostly underneath S. Korean jammer (NHP-BC*) JAPAN, Kushiro/Kochi JOPC/JORB 1349 10/5 Man and woman in heated
1053
1152
                JJ Drama //693 (NHP-BC*)
REPUBLIC OF KOREA, Uljin-HLSV 1403 10/5 Fair w/man talking in KK
1305
                773930 (NHP-BC*)
                THAILAND, Ban Pachi VOA 1406 10/11 Fair to good. Man talking in
1575
                Khmer (so the sked says, I couldn't say.) //7255 (NHP-BC)
                JAPAN, Niigata/Matsue JOQB/JOTB 1407 10/5 Poor w/man in 33 and 77693 (NHP-BC*)
1593
                JAPAN, NHK2 synchos 1408 10/5 Man in JJ //693 poor to fair in signal. (NHP-BC*)
1602
```

THANKS TO THESE REPORTERS:

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TRH-CA
TIM HALL-350 G. Street F-1, Chula Vista, California 92010'
1CF-2010, Radio West Loop
NHP-BC
NICK HALL-PATCH-1538 Amphion Street-Victoria, B.C. V8R 4Z6 (CANADA)
Transg. HRO 3' Box loop, SPR4, Short wires
NHP-BC*
DXing at Jordan River, B.C. Using SPR4 and 2000' Beverage at 315
degrees, DX-150 and Transg. TRF for //'s.
PM-OR
YER EDITOR
SP-600JX, RB0-2(E.H. Scott) 200 NE/SW Wire, 500' East wire.
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WDXR....Continued from page 5

1330 KLOM CA. Lompoc 11/4 2019-2045 stomping all over KFAC, KHYT, and KGAK with oldies, ads. IDs by DJ Jim Spice (?) as "KLOM, Classic AM 13-30." Presume this was a PSSA. Anyone know the power? (TRH-CA)

?KCLM? CA, Redding 11/4 2000 poor with OM s/off, national anthem u/ KFAC, KGAK, KLOM. Thought I heard Redding mentioned in the s/off annot. Not noted on subsequent days. (TRH-CA)

UNIDS
1050 11/5 0343 noted AdCon/C&W very weak u/XEG during brief XED SP.
Possibly CKAL, but could be a US station with new night hours. (TRH)

Looks like half the column is "special interest" this week. I'll have to nickname this one "California DX Roundup," hi. I'll have to get out my WDXR penguin and give 100 lashes with the stiff penguin Fipper to all who DX'ed this week but didn't sent in a report. Avoid the angry penguin-sent me your reports!!

EASTERN DX FORUM

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

Deadlines: Fridays (except 12/13) This column typed: 11/8.

Tim Kridel, Box 147, Middle Island, New York 11953

Whoever you are, God bless you. Who am I talking about? The person or persons who got me responses (QSLs) from WCAU and CJSB. CJSB arrived on 19 August with a verification letter, coverage map, and promise of a bumper sticker when they get them. WCAU showed up on 1 October, also a QSL letter, which states the transmitter is located on Church Road, Moorestown, New Jersey. I was most pleased by their arrivals. I guess persistence counts, or is it "The squeaky wheel gets the grease." Two down, nany to go. To Karl Zuk - I'm sorry to see you go, but I know what it's like to be overworked. That's what high school is all about. My cat rays hello. To Gardner Smith - Good luck with your new editorship. You'll be hearing from me as soon as I compile my loggings. 73s.

Dim Hall, 240 Byron Road, Pittsburgh, Pennsylvania 15237

Matt Stutterheim and George Hakiel, thanks for your calls a few weeks back. Nice to "meet" you both. Please call me again (or 1'11 call you). Nick Hall-Patch, you 702.5 unID in the 10/18 DXWW-W is 99% likely to have been the drifter Cuban (relaying Radio Rebelde). I was DXing 9/12 also, and they were still on (although as of early october they appear to have shut down or moved, possibly now sitting on 700 even). St. Vincent has been a regular on 705 so I don't usually write down when they're in, 1 % I would have definitely made a note for DXWW-E had they drifted low. Anyway, they (St. Vincent) may have been off by then, although I have heard them with OC into the night on some occasions. Pat Martin, was the Hondu-Mar reportedly in the 702 area from IRCA or abother club? I can't recall string them mentioned in DXM. Also Nick, your TA carriers on 1485 and 1884 may be more likely than you (or Pat) might suspect — here at my QTH 400 miles inland I've heard the Spain graveyarders on the two freqs virtually pounding in at times (inland reception standards) and can confirm that they certainly get out well some eve's in the right condx. I'm sure they make WC at times. Nice job on the other TA's too. Nicl wolfish, nice catch KGU-760. Although I don't think they'd ever get past WJR and the Reloj Cuban, I'll try for them as I've been getting some splits lately that I think might be TP. Pat Martin says anything is possible. I'll buy that.....73

Rick Evans, P. O. Box 1294, North Wales, Pennsylvania 19454

First, there will not be a column typed the weekend of Dec. 13th.
As things now stand, we'll be leaving the 13th for Alebama for a week's vacation. I'm ready for it, hi. Also, it would be appreciated if those who type their reports to me would double-space the report. By eyes just don't see as well as when I was younger, I guess. Gotta run. PTL.

Bruce Portzer, 6546 19th Avenue NE, Seattle, WA 98115

Tim Kridel's report last week re-raised a question in my mind: aren't teenagers interested in radio anymore. When I joined IRCA 20 years ago at the tender age of 15, the average IRCA member was in his late teens. Members have come and gone since then, but the average age has risen to where it is now in the mid to late 30's, with very few members younger than about 25. The situation is even more pronounced in ham circles; a recent survey showed the average ARRL member was about 58 years old! This has resulted in a major effort by the ARRL to get teens interested in ham radio, versus whatever other vices they currently have. It will be interesting to see how successful they are.

I tried for the two Arizona tests on 11/17 with zero success. Were they on? It's really nice having 820 clear again. I can listen to KGO, WCCO, et al without all that splatter. I'm not sure how long it will last, but I suspect it will be a couple more months before all the paperwork is completed for KGNW's move to 820. When KGNW moves, their 1150 spot will be taken over by KEZX. KEZX is an FM station with a format that consists of 60's folk, light jazz, local artists, and soft rock. They plan to simulcast part of the time, but to have separate programming on AM and FM during the day. Ironically, KQIN-820's unsuccessful format was very similar to KEZX's. In fact, they spirited away several KEZX DJ's when they moved to 820 last year! DXing may be entering a new era when we sit back and wait for an NSP pest to go dark, then DX their old channel for a few months until someone else takes it over, by which time some other station will be off the air.... 73 til next week.



 \Box

Mestern DX Forum

* * * *

IRCA - The - City.te of the Breadcast Band DX'er

Editor: Ric Heald • 8539 Bellamy Way • Sacramento, CA 95828 USA • (916) 386-8677

1986 DEADLINES — WEEKLY ON TUESDAY 11 DAYS PRIOR TO PUBLICATION DATE

W. GEORGE ELLIOTT, #12-507 MAYNE AVENUE, PRINCETON, BC VOX 1WO canada As you can tell by the new address. I've moved on. I've been hired as the new assistant station manager at CKRP 1400 Princeton, a job I've had my eye on since the past summer. It's an excellent career move at the very least it'll give me some management experience, and a great opportunity to learn. I plan on owning my own station in the future, but just being a jock will not get me any closer to that goal.

My last day at CKOK was 17 October. The following week was spent in Princeton meeting clients and learning the daily routine at CKRP. I start there on 27 October with the morning show. I used to do weekend sign-on at CKOR-FM Penticton as well as CHIM-FM Kelowna but doing it every morning will be new to me. Also, the other work that comes with the job will be something I'll have to get used to. I not only do mornings, but I'm in sales: copy; production; promotion, and covering town council and school board meetings. I'll make for long days, but I know I can handle it. I usually put in 10 to 12 hours a day at CKOK without complaint.

CKRP is on the air M-F 0600-1000 PLT, then it plays a role of a satellite, re-broadcasting all other programming from CKOK. There's a staff of four: the GM, me and two part-timers. Quite a difference from CKOK which had a staff of around thirty. The studios are situated above Princeton Liquor Store in a building of office space. There's no newsroom or wire service, not even a photocopy machine. Once a week I have to vacuum the place, as there's no janitor service. (Gee whiz, WGE, welcome to American radio. That sounds a lot like my duties at KRED, hi-RtH.) I'm also the PD and Music Director and needless to say I'll learn a lot.

My former co-workers and FD at CKOK have been great support to my move, although management is a little uptight. They have a right to be. I guess it would be nice if they'd show some encouragement.

I just wanted to keep everyone up-to-date with my whereabouts. Will be in touch once I've settled in Princeton. I plan on taking the DX-160 and loop with me, but will keep the FRG-7000 in Kelowna as that's still the best DX location I've had. Don't know when I'll get around to DX ing, but I guess I'm the new verie signer at CKRP, eh?

(WGE. got your message just in time for typing your forum. Did try to call back, but no listing, but guess that's the price for stardom, hi-RtH.)
Good DX to all . . .de WGE

ALBERT S. LOBEL, P.O. BOX. 26762. SAN DIEGO, CA 92126 (619) 566-0092 I'm very much interested in hearing from other BCB DX'ers as to how the 1985 ANARC Convention can be made more interesting to BCB DX'ers. It's been said in the past that ANARC is shortwave oriented and could care less about the BCB DX'er. I want to change this image of ANARC once and for all. Send your comments and suggestions to me. Besides being your representative I will be on the committee for the 1988 ANARC Convention to be held in Huntington Beach, California (only about an hours' drive from my QTH). Let's all make the 1988 ANARC Convention one which will go down in history as the best BCB Convention of all time. After all. ANARC stands for Association of North American Radio Clubs. If you call by phone the best time to call is between the hours of 1930 and 2130 weeknights. The above number is a business line and rings in the home. I'll intercept all personal calls from the answering machine once I hear the caller's voice. if I'm at home. within ten seconds. If I don't intercept your call you'l! have 30 seconds to complete your message. Don't expect a return call unless you'll accept it collect and let me know your message. And no, accept your call collect!

I'll be quite interesting to hear some of R. Moscow on BCB if the proposal made recently by the Soviet Union to be able to broadcast some of their news on our BCB stations ever goes into effect. I feel it's about time we were able to hear the other side too. After all, those of you who are also SW listeners know that evrything that R. Moscow is not propaganda and not everything our news networks say is also the whole truth and nothing but the truth. I'm not saying one is better than the other. But in order to get a rounded view we must listen to both sides. If I'm starting to sound like a lawyer, I'm not a lawyer, I'm an appliance repairman! Hi.

73 and good DX de Albert.

RIL HEALD, 9537 DELEAMY WAY, SACIONIEMIO, LA 25820 (Fele Lorum (716) 200 06/7 to 2200 ht & ppd stoff. I hope your DX ha

breetings and all that DX has been better than mine which is nil. hi.

Have finally found the culprit to my high noise level. And I'm _a little embarressed. It was a light dimmer noise, all right, but coming from this house. See all the lights outside are on a timer. I never really paid much attention to the one outside the backdoor from the garage. It's not a light timer operation but close to it. I finally got the message by accident and after turning the unit off discovered that my reception was now noise-free. The heck with security around the house, I've got more important things to deal with like DX, hi.

For all you FCC Rules & Regs experts, I pose a question. How concerned is "Charlie" with exact time for pattern/power changes? When I was at daytimer KNBA six years ago. I was told by owner/GM that we had a two-minute grace period. I had to use that a couple of times. Then at KPLS, I remember powering up a minute or two early a couple of times (well, more than just a couple, hi). But then at KRED, our CE said that we had to power up/down at the exact time. Never mind that he played little games from the doghouse powering up and down during the day with no notations in the technical log. Reason I bring this up is that KRAK 1140 has been really sloppy about pattern changes morning and afternoon, both times when I'm in the commute mode. They've been going to night pattern a couple minutes early, perfectly legal, but going to day pattern as much as four minutes early. Does the FCC really care about only a simple pattern change or more so about

power/pattern change? Or do they really care under deregulation at all? Being one of those nasty government employees, had Veteren's Day. 1 1 November off. Not being "permanent" it was also without pay, but decided to visit 8.F. and finish Christmas shopping (yup. done before Thanksgiving). Made several phone calls, but evidentally. Mars. Kaskey, Korn. Tonolli and

others had to work; no answer.

After ASL's forum. I too have an answering machine. Save a long distance charge and hang up before the fifth ring, or on the other hand, if you want to hear an unusual message, stay on, hi.

See y'all in seven and hope your DX is better than mine. 73 de RtH. .



FREE MEMBERSHIP

We all want to see IRCA grow in size. One way to help this happen is to give you an incentive to find new members. And that's exactly what we're doing. Beginning immediately, the IRCA will give a year's free membership to any member who is responsible for bringing in four or more club members within a particular time period. Here's how it works.

The new members can fall into any of the following categories:

• You persuade a friend to join IRCA

• You give the person a gift membership

- You send us a list of people you know (or know of) who are interested in broadcast band DXing. We'll send them a sample and if they join, you get gredit
- You visit a local radio station, get names of persons who have sent them
 reception reports, and send us the list. We'll send them a sample DXM. they join, you get the oredit.

Sending a list of names off of another club's membership list is a definite no-no, however.

Other rules: This promotion will run until June 1, 1987. The persons must Join before that date. (We may, however, extend the deadline depending on how things turn out)....If a person joins as a trial member (10 issues) or something between that and a full year, it counts as half a person. Anything less than ten issues doesn't count.....If someone joins at your persuasion, be sure to let us know so we can give credit where it's due....the new members must be person who have not been IRCA members for at least a year..... other rules may be announced in the future; if they are, they'll apply to everyone.

Here's your chance to help us become the fastest-growing DX club around, and your chance to let others find out about the benefits of IRCA membership. -> == RECEIVED ŘEPORTS FŘÓM NEWFOUNDLAND -TOĴNEW ZEALS:

Amateur Broadcasting Station 10-BQ

BRANTFORD, ONTARIO, CANADA

The property of the State of th

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Signature of these II.
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erro Right I.c., and a Brunn, Manager, Bentius Brown, Senigration, Ashert and Engar Control Common and R. C. Daniel Comer, Printst Albert Ellis, And Commer Harvill Brown,

Amateur Broadcasting Station 10-BQ

The Voice of The Telephone City

Following is a letter I received from Albert H. (Abe) Ekis, about Broadcast Station 10-BQ in Brantford, Ontario, which signed on in 1925 on 1200 kHz. Abe was on the staff of the station in those days, and I recently asked him for his recollections of the station, over 60 years ago. Here is his reply, with as little editing as possible. Gardner Smith

In 1925 Commander C.P. Edwards was Deputy Minister, Marine and Fisheries in Ottawa. At that time he was in charge of radio in Canada.

He had the idea that amateur broadcast stations could fill the void that existed in Canada by supplying music to those who owned radio sets. Don't laugh, it was a real problem then, even in the States. WJR Detroit came on to supply music to those who bought Jewett Radios, hence the call; WGR, General Radio of Buffalo was another such as few would buy unless they could hear music.

This new toy as pictured by a number of people would soon die out, most felt, as did the governments, it was a passing fancy. I digressed a bit. Commander Edwards issued a number of permits to radio clubs and others interested in using a low-powered outfit so they could play music and such for their members. So was born the "Ten" series of stations that operated from, in most cases, the home of its operator, and used the five to ten watts allowed.

In most cases these outfits used modulated oscillators and had to have the antenna tied down or it varied frequency. 10-BQ, B-Brantford Q-Quality (what else?) played mostly old time music, hoedown and square dancing, played by volunteer local musicians. This loose and friendly operation did not go with stiff-necked classical listeners—they had to fish for WHAS in Louisville, Kentucky, or some such.

The majority did enjoy it and kept the phone ringing constantly. We used a Westinghouse aircraft set with two VT2 tubes in it, one a modulator, to the final or oscillator tuned by using a pair of phones in the plate circuit tuned to WOAI San Antonio, Texas, who was issued the frequency of 1190 kcs, tuning slightly off put us close to 1200 kcs. This was not a United States frequency back then, so we had little interference and this allowed us to compete with close-by U.S. stations frequency wise.

On our DX night we listened until WOAI went off the air, then we went on so the dynamotor-battery operated outfit had a chance to get out. Harold Brown [Chief Operator and General Manager] was a very good machinist and made double button mikes as well as the condenser mike pictured [in the photo between Abe and Harold Brown].

On DX programs we used phonograph records and operated close the transmitter keeping noises to a minimum. The hundreds of cards we received from all over the states as well as Canada and a few off-continent proved we did something right. Granted that such an operation is not possible today. The modulated oscillator was banned if I remember, in 1932. Still, we filled a hole that at that time existed. Few commercial stations existed in Canada, or for that matter, in the States, so we supplied music so a radio set could be used with pleasure.

Two stations still exist that were "Ten" licensed—10-NX in Wingham, which is now CKNX; and 10-BP in Chatham, which is now CFCO. The rest of the Ten stations faded out, as during the Depression few had any money to buy a commercial outfit. In 1938 we had to leave the air. We were offered a commercial icense, but like most, had negative assets.

That, to the best of my memory, is the story of 10BQ. It was fun!

Convention Report

West Palm Beach '86 - A small scale success

... SHARPEN YOUR PENCILS, members, first we'll have the Official 1986 Convention Quiz!

OUESTION: What IRCA Convention had the lowest attendance of all time? ANSWER: If West Palm Beach '86 wasn't it, then it certainly was in second place.

Which certainly is a pity, for it turned out that Florida in August was more pleasant than some had expected it to be. The turnout of ten people made the convention a chummy and more fraternal one. The attendees were (in alphabetical order): John Clemmer (IL), George Greene (OH), Glenn Hauser (FL), Paul Mount (NJ), John Sally (TX), Ron Schatz (FL), Shel Schwartz (FL), and Gary Siegel (OH); your hosts were Ted Fleischaker (KY), and Rich Toebe (CA).

Q: What IRCA Convention can boast that one of the hosts was also the most distant attendee?

A: West Palm Beach (how did you guess, hi), as Rich Toebe from California came farther than anyone else, if you count travel from one's home. In actuality, however, George Greene of Akron, Ohio came farther, as he came from Vancouver, BC (Expo 86) via Seattle, combining the two events into one vacation trip.

Q: What IRCA Convention can show that attendance was primarily non-members?
A: If you can't figure it out, I won't tell you, hi! Out of ten attending, only four were IRCA members in good standing.

Q: What one foreign country could you hear in broad daylight on AM in West Palm? A: Surprise! The Bahamas- in the form of ZNS-3 810 from Grand Bahama Island, fifty

As you can see, this was no ordinary convention.

or so miles away.

FRIDAY WAS THE FIRST real day of the Convention, with tours of stations WJNO-AM/WRMF-FM right after lunch at an eatery named Portofino on Singer Island right next to the beach (several of us paid more attention to the strolling scenery than to lunch). WJNO/WRMF is in Palm Beach, talk on the AM and "adult contemporary" on the FM. This tour is notable for three things: first, half the contingent failed to arrive at the station, leaving only 3 of us to actually do the tour; secondly, the guide was a gorgeous coed; thirdly, the tour was basically a quick walkthrough because she was completely ignorant of the facilities (her main qualification to employment was being the boss's granddaughter).

The second tour of the day was also notable. The tour actually required two visits to the station, WNGS-FM. The gentleman who agreed to show us through warned us to be there promptly at 2 or we would miss out on a tour. We were there at the appointed time; we waited twenty minutes for him to show, and finally decided to leave. As we were leaving the mall where "Wings 92" was located, he showed up; so we returned to the studios and got a tour. The most interesting part of the station was the weather

GEORGE GREENE- he came the long way 'round to Florida

radar unit, which he demonstrated for us- they have a radar unit on the roof and can detect weather up to 50 miles or so away, quite a toy! WNGS is also "adult contmporary", but really sounds like a cross between music of your life and soft rock.

That evening, Glenn Hauser, the publisher of Review of International Broadcasting and DX Listening Digest, came to the convention accompanied by Ron Schatz, editor of the Cuban section in the WRTH. Glenn pre-sented a terrific slide show about his travels in the Caribbean and Yucatan (readers of RIB are already familiar with this through his written accounts). He visited many stations, including VOA, BBC, Deutsche Welle, Radio Antilles, and various locals. He had a small supply of ZGM-FM 94 Montserrat bumper stickers some of which he gave us as souvenirs. After the slide show, we invited him to come back the next night and show us more of his travels.

SATURDAY WAS ANOTHER tour day. We began with a morning tour of WPBR Paim Beach. Their station is across the street from the beach and even people in the main studio can look out over the ocean. They are affiliated with ABC Falkradio but were carrying a locally produced medical talkshow while we were there. WPBR, despite being a "grareyarder" (1340 kHz), boasts an unbelievably high level of talent- the owners used to work in New York in Network radio management and several of the on air staff also have extensive experience in network radio (having cetired to play at radio in Paim Beach).

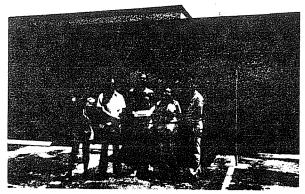
THE SECOND TOUR OF THE DAY was of WEAT AM & FM, a "beautiful masic" ar "easy listening" station now summicasting on both frequencies. This station is ounced by aparticuster Curc Gowdy and used to have call letters which incorporated his initials. Our nest at WEAT, Program Director Paul Dunn, gave us a very informative tour- he showed us how their auto-



GLENN HAUSER- shortwave radio expert and world traveler

stated programming system works and spent a great deal of time with us talking about formats, the evolution of beautiful mush formats, the changes ahead for adult contemporary mush and easy listening formats as today's baby boomers continue to age, problems in radio anique to South Florida stations such as poor ground conductivity on the AM band, short spacing for FM stations (they moved from 104.5 to 104.3 to help refree the problem), the unique demographics of the Palm Beach area, and the future of AM radio (he forsees the day when AM willycease to be economically viable and a historic refle). WEAT spent the most time with us, had the most interesting tour, and was the only station that had promo items we could walk off with.

Saturday afternoon was free time, a chance to do a little sightseeing, etc. before the banquet. This was held at a restaurant in Riviera Beach called The Bridge as it sits next to the bridge that takes you over to Singer Island. They feature seafood on the menu and offer several all-you-can-eat specials, including several types of crab, prawns, lobster, etc. This is not a place to dress up to go to; cracking open crabs smothered in garlic butter can get a bit messy. After the banquet, we went back to the note; for another Glenn Hauser side presentation. This evening, he showed small bites on several of his trips. Among them we saw slides on Cuba, (with commentary by Ron Schatz), Venezuela, Spain, Costagai, Costa Rica, Guatemala, plus a trip to Newfoundland and the little French enclave of St. Pierre et Miquelon just off her coast. (I found the St. Pierre part to be most fascinating—8 small islands with 90% of the population of about 6000 living on one island, St. Pierre, the capital. They are an integral part of France just like Hawaii is of the USA; they drive French cars, watch French TV on the French 0.25 line, SECAM color system although many own two sets, one to receive Canadian Γ^t , and are fiercely French. We saw the studios of RFO St. Pierre, which also receives TV by satellite from Paris. The other believeit-or-not story involves the island of St. Martin/St. Maarten, half French-half Dutch; a border splits the island although it is only about 30 miles square in size. The French side uses French TV standards just as St. Pierre does; the Dutch side uses the US standard which seems to be-common throughout the western hemisphere, even in Cuba.)



HALF OF THE CONVENTION pauses to say cheese: from L-R, Gary Siegel, John Sally, Paul Mount, Ted-Fleischaker & John Clemmer (all photos by Rich Toele)

After the slide show, we held the Auction, MC'ed by Ted Fleischaker. Despite only 4 people bidding, \$60 was netted for the Club. Among items auctioned off: promo items such as stickers and T-shirts. tapes of airchecks, a videotape of Canadian TV, and an AM Radio/Lunch Box (Gary, we expect to hear about what DX you're getting on your lunch box, hi!)

SUNDAY MORNING WAS the official close of the Convention. The four IRCA members in attendance held the Business

Meeting, chaired by Secretary Trensurer John Clemmer. He began by reading the Almana Report, submitted by Bill Hardy. He informed us that Giffer bought a great percentage of the books printed. He added that since he became a father (congrats Bill and Nany!) he finds it very difficult to find time to work on Almana projects—he projects that it will be a couple of years at least before another Almana may be produced. Also brought up at the meeting were two resolutions, to be voted upon whether they should be passed on to the Board of Directors; one, a letter is to be sent to the leadership of the NRC to remind them that our two clubs agreed to cooperate in the best interests of supporting the hobby (which they have not) and that if they will not, we will with draw from cooperating as well. Cooperation means promoting the other (lub's books, projects, conventions, etc. The second resolution was a motion to add the phrase "North America's Only All-Medium Wave DX Club" in recognition of the fact that NRC has added an FM column to their bulletin. Both proposals passed unanimously. (The four members attending the business meeting were John Clemmer, Ted Fleischaker, Gary Siegel, and Bill Toebe.) We also learned that there is a possibility that the '87 Convention may be held in Monterey, California.

At this point, the convention officially drew to a lose. People headed off in various directions, either heading home or going sightseeing. One group headed for Key West while another drove up to risit the Kennedy Space Center. West Palm Beach was history!

RANDOM THOUGHTS on radio reception in the Palm Beach area; what a strange blend of the bland and the exotic! It was fun to drive around during the day listening to Radio Bahamas's Northern Service, "Zed-N-S-3" from Freeport. It was severely plagued with modulation problems and the delivery was anything but stick (from a supermarket commercial; "If our chickens were any fresher people would think you stole them from the henhouse") but a treat nevertheless. Despite the huge Guban presence on the dial beginning in the late afternoon, many US clear channel stations such as WBBM and WJR were strongly present. We also heard, with the help of Ron Schalz, the Cuban "tourist" station "Radio Taino" (Tie-ee-no) on 1160 kHz. However, it was disappointing how tew Caribbean stations made it in; even 1540 Bahamas was nowhere to be found. Bonaire was present on 800, to be sure. Too bad we never had a chance to set up a beverage.

Now to finish the Quiz:

- Q: How many different ways was the automation at WEAT explained to us
- O: What attendees were getting masty glames at the pool at 2 am?
- Q: Just how many kilowatts did Paul Mount's and Gary Siegel's shirts radiate?
- Q: Who are most of the Oreos before anyone else had a chance to
- Q: Just how long did the Banquet take"
- Q: Who fell asleep during the slide show but refuses to admit it?
- Q: Why was the word "reorder" so important '
- Q: Why did we see a John Clemmer working as the Assistant Manager at Morrison's Caleteria in Melbourne, Florida (near Cape Canaveral), when John <u>specifically</u> told us he was headed to Key West?

(The answers will be revealed at the next convention, if they can be solved, bi)

submitted by Rich Toebe

Editor's comment: For those who may have been wondering, this was the second smallest IRCA convention. The smallest was our first convention: Mobile. Alabama in 1964, where eight persons were present. It must have something to do with being in the southeastern US in August, hi.

If you'd like to host the 198, convention, get in touch with headquarters right away. It's a great opportunity to meet other DXers and to have a good time without leaving home....

President's Report

RESULTS OF RECENT BOARD OF DIRECTORS VOTING

Proposal	<u>EC</u>	H	$\underline{\mathtt{BH}}$	<u>FM</u>	MM	<u>KZ</u>	Results
32.1.1 Reconfirm Earl Zuk, EDXR	0	F	À	77	7	C	See note i
11.1.1 Robert Kramer, ODXR	G	À	A	À	ř	Ü.	See note 1
12.1.3 Wancy Hardy, WDMA	F	À	7	Ĩ	Ξ	ř.	Passed
12.1.4 Jim Hall, DXWWE	T.	F	F	=	F	<u>-</u>	Fagged
10.1.5 Pat Martin, DXWWW	F	I*	17	I	F	2	Fassed
12.1.t Rick Evans, EDXF	72	77	F	F	F	F	Fassed
12.1.7 Ric Heald, WDXF	F	F	F	Ĭ.	F	17	Fassed
ls.1.8 Greg Monti, BCins Info	F	F	F	Ŧ	TP	F	Fassed
14.1.9 Nick Hall-Patch, Tech Ed	F	पाव्याच्याव्याक्र		F	F	Ε.	Passed
12.1.10 Tim O'Hare, Glassifieds	Ē	F	Ĭ4	भ ० चा पा भ च च च च च च च ० च च च च च च च च च च ।	F	F	Passed Passed Passed Passed Passed Passed Passed See Note 2 Passed
12.1.11 Bob Walker, Sports	0	0	A	0	F	C	See Note 2
12.1.12 Rob Cerardi. Verie signers		베르바메페	F	Ξ	F	ĩ	Passed
12.1.13 Charles Taylor, Countries	C	r	Ŧ	F	F	7	Passed
12.1.14 Eruce McFadden, Ach.Awards	<u>.</u>	F	F	77	Ŧ	F	Passed
12.1.15 Gene Martin, Reg. Agent	F	F	F	F	F'	F	Passed
12.1.16 Bruce Fortzer, EiC	F	F	F	\mathbf{F}	F	F	Passed
12.1.17 Rich Segelas, Election Chm 12.1.18 Bill Hardy, Almanac Ed 12.1.19 Robert Wien, Freq Check Ls	F	Ē	च भा च मा	F	F	F	Passed
12.1.18 Bill Hardy, Almanac Ed	F	À	F	Ŧ	F	-	Passed
12.1.19 Robert Wien, Freq Check Ls	tF	F O	F A	F	F	F	Passed
12.1.20 Steve Mittman, W. Spotligh	tO	0	A	0	Ŧ	Ŧ	Defeated
12.1.21 Randy Seaver, Propagation	F	F	F	Ŧ	F	F	Passed
12.1.22 Rob Harrington, Contests	C	F	A	Ũ	O	0	Defe ated
12.1.23 Confirm Kraig Krist as							
Goodie Factory Manager	F	F	F	F	F	F	Passed
12.1.24 Create the Position of							
Central Distribution Ed	0	0	A	0	A	O	Defeated
12.1.25 Create a column on program							
listening (see below)	0	F	F	F	F	F	Passed
12.1.26 Create a Column on							
DKing Techniques	F	F	F	F	F	F	Fassed
12.1.27 Create a new member	F	F.	F	7	F	O	Passed
incentive program (see bel	ow)						
12.1.28 Confirm Faul Swearingen							_
as DM Worldwide II Editor	F	F	A	F	F	F	Passed
12.1.29 Confirm Albert Lobel as		_	_	_	_		
ANARC Representative	F	,F	F	F	F	0	Passed
12.1.30 See below	F	0	0	0	0	O	Defeated
12.1.31 See below	0	0	A	F	0	0	Defeated
12.1.32 See below	F	A	A	0	F	0	Defeated(note 3)
12.1.33 See below	0	0	0	O	0	F	Defeated
12.1.34 See below	A	0	0	C	0	F	Defeated
12.1.35 See below	0	O	0	0	ō.	0	Defeated
12.1.36 See below	0	0	0	0	0	0	Defeated
12.1.37 See below	C	ō	ō.	0	0	0	Defeated
12.1.38 See below	F	F		F	F	F	Passed
12.1.39 See below	C	O	O	C	A	F	Defeated
Toward Dr. Danie - Comment Mil North			757.	D 2 7 7	* *		to the state of a

Legend: EC:Erncst Cooper, NH: Nancy Hardy, BH:Bill Harms, FM:Pat Martin, NW:Niel Wolfish, KZ:Karl Zuk. F:Favor, 0:Oppose, A:Abstain. Notes: 1:Results are moot, editor resigned after ballot was prepared 2. Result is moot, editor no longer a member, 3. Tie broken by vote of president.

Proposals 12.1.28 through 12.1.39 were originally voted on in January, 1986, but the results were never reported by then-president Richard Wood. The proposals were re-submitted to the board in September for the purpose of setting the records straight. The texts of 12.1.30 through 12.1.39 follow:

12.1.30:Major articles submitted for publication in DXM shall be considered with the express understanding that they have not been previously published and/or are not now being considered for publication in other national or international DX bulletins of clubs headquartered in North America. This shall not apply to loggings, news reports, or forum reports. (Submitted by R. Wood) 12.1.11: IRCA is a DX club. Therefore, all material accepted for publication shall relate to past, present, future, or potential reception of broadcasting stations directed to the general public in the AM broadcast band. (R.Wood)

12.1.32:All All technical articles submitted for publishing in DXM must be submitted to the Technical Column's editor, and not directly to publishing HQ. All articles must be of a reasonable length and incorporated into The Technical Column. The Technical Column should appear at least once a month, when possible, but should never exceed more than one half the total pages of DX Monitor. (Submitted by Karl Zuk) 12.1.33:IRCA shall take a full membership vote on the question: "Should complete computer programs be printed in DXM?" Along with a vote on this question should be a questionaire asking what type of computer the member owns and what computer language(s) (s)he is capable of using, for future reference to the club. The ballot shall be printed in DXM, much like other club election ballots, at no expense to the club. Postage will be provided (Submitted by Karl Zuk) by the voter. 12.1.34: Should the election as proposed (in 12.1.33) reveal a majority vote in favor of computer programs being printed in DXM, an editor shall be sought and a column formed immediately to service such interests. If the proposed vote fails, a majority against printing programs, no further programs will be printed. A summary of the programs submitted shall be included in The Technical Column; the foll programs will be available through the Goodie Factory (submitted by Karl Suk). 12.1.35: The IRCA will adopt Coordinated Universal Time, formerly known as Greenwich Mean Time or UTC/GMT, for all loggings and mentions in all club publications. This will provide a standard for all columns and referencing with other clubs and publications. (Karl Zuk) 12.1.36:The IRCA will conduct a full membership election concerning the topic of AM Stereo. Three questions shall be asked of the membership: 1-Which AM Stereo system do you prefer: a.Motorola, b.Kahn/Hazeltine, c.Other(write-in); 2-Should the IRCA actively endorse a system chosen by the majority vote of the membership; 3-Would you favor the IRCA to be mentioned as endorsing such a system in advertisements if the club's address is mentioned, along with information on how to join the club, in return for the endorsement? (Karl Zuk) 12.1.37: If the club decides, by majority vote, that the club should endorse such a system, the club will make active efforts to contact the preferred system's company to achieve an endorsement agreement decided upon by the club's Board of Directors. (Karl Zuk) 12.1.38: The Secretary-Treasurer shall be solely responsible for the finances of the club. Yearly, (s)he will publish a statement in DXM stating the following: Exactly how many memberships were paid in the last year; specific details on where any other income might come from; exactly what costs were incurred in the publishing of DXM, the Almanac, reprints, etc. (i.e. postage costs, printing, supplies) and exactly what reciprocal agreements we have with other clubs in the exchange of bulletins and other materials and what their effect is on our finances. Finally how many complementary copies were sent out and what they cost us. This will be to ensure our solvent financial standing. (Proposed by Karl Zuk) 12.1.39: The club will actively seek out an editor for, and revive a column

12.1.39: The club will actively seek out an editor for, and revive a column in DXM concerning antique radios, their restoration and radio history (One Column). (Proposed by Karl Zuk)

Comments on the above proposals:
12.1.1 through12.1.22 were the biannual confirmations of editors, etc. as required by the club bylaws. Three positions were not reconfirmed, due to inactivity on the parts of the editors. Dale Park has unofficially been doing Sports Networks for some time and will be submitted to fill that position. Western Spotlight will go unfilled; the material will be incorporated into other features. If anyone wants to take over the contests, let me know.

12.1.24 would have set up a central distribution editor. Everyone could have sent their material to one person who would have redistributed it to the DXF, DXR, & DXWW editors. This approach has been used successfully by shortwave clubs. However, due to our weekly publishing schedule, it was felt that the process would have delayed dissemination of DX information. Also each person sends reports to only 1-3 columns in IRCA, vs a half dozen or so in SW clubs. The proposal was submitted by John Demmitt.

The proposal was submitted by John Demmitt.

12.1.25 sets up a new column dealing with listening to programs on AM stations. The feature will be limited to nighttime programs on clear channel and some regional channel stations which can be heard up to a few hundred miles away. It will basically be a listing of programs, as submitted by club members. Our last membership survey showed most of us listen to programs on far off stations, in addition to DXing them. This column will therefore fill a void which currently exists in DX circles

12.1.26 creates a column dealing with DXing techniques. This column will include short articles on how to DX (sunrise/sunset DXing, DXing TIS stations, IDing foreign stations, etc.), news of new publications, features on DXing a particular part of the US/Canada, and so on. I envision this as being

similar in format to The Technical Column, except it would cover nontechnical material. This column also will fill a void which, at present, does not exist in SX club publications.

It is expected that both the program column and the techniques column will appear about once a month. Editors are needed for both. If you're interested, then let me know right away.

12.1.27 will result in a year's free membership to any member who brings in four or more new members within a specified time frame. The details are in this issue or page 12.

POSITIONS AVAILABLE

As noted earlier, we have a couple of positions currently available. For each of the following, you need to be able to spend 3 or 4 hours a month preparing the column or whatever. You also need to be able to type.

Frogramming Editor: Type a monthly column on listening to programs broadcast by distant and stations.

EX Techniques Editor: Prepare a monthly column on DXing Techniques, as discussed earlier. The editor should be someone who's been DXing for at

least a couple of years.

Contest Manager: Organize and manage DX Contests for the club. Report or

Contest Manager: Organize and manage DX Contests for the club. Report of the results and/or progress periodically in DX Monitor.

If you're interested in any of the above, get in touch with me right away.

STATE OF THE CLUE

As things stand right now the club is in pretty good shape. Bulletin support remains quite good. We've been receiving a good cross section of articles and features in recent months, many of which have already appeared in DXM and some of which we're still holding for publication. While there were a few complaints about the number of technical articles last season, I suspect the real complaint was not enough non-technical articles. Recent contributions should help achieve a better balance between the technical and nontechnical material.

We've also been making some efforts at improving the overall appearance of EX Monitor. One of the more obvious efforts has been to produce new mast-heads for the columns. I'd personally like to thank Gardner Smith for the Front cover, EDXR, and WDXR mastheads, Rich Toebe for the DXWW and Kanadian Korner mastheads, and Phil Bytheway for the back cover. Similar improvements will be made in the months to come. We've also cut back on newpaper clippings in favor of horest-to-goodness DX material. The end result will be a bulletin that will beat the pants off the competition.

Financially, we broke even last season and have no plans to raise dues in the forseeable future. However, our printing costs went up recently, so we will need to make up the difference. This can best be done in two ways: 1)increase membership, thereby getting a better rate on printing (less cost per member), and 2)finding other ways of increasing revenue, such as increased Goodie Factory sales. We re thinking of several ways to achieve either of the two, some of which you'll read about in the near future. If you have some ideas of your own, then feel free to write club headquarters. We'll be more than happy to consider it.

We're still looking for a site for next year's convention. A couple of groups had been interested but had to bow out for personal reasons. If you'd like to host the convention, then get in touch with HQ right away. It's a great way to meet a bunch of other DXers without having to pay the rlange fare! Several people have suggested the possibility of having the convention in October instead of August. This would have an advantage of having the convention occur during the DX season. It may also enable the hosts to get off season rates, particularly in touristy areas.

As always, my mailbox is always open to those of you who have suggestions for improving the club in some way. IRCA has a long tradition of being democratic and open to the ideas and suggestions of its members. It's this long tradition that has enabled us to grow and prosper during the past 22 years.

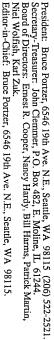
73 and .good DX

Brice Pertier, President

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 kHz). "DX Monitor" the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. "DX Monitor" contains members loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbysits. IRCA is a member of ANARC, the Association of North American Radio Clubs.

CLUB ADDRESSES AND OFFICERS



MEMBERSHIP DUES

U.S. -\$20.00 per year. Canada/Mexico -\$26 (one issue mailed every week) or \$20 (two issues every two weeks). Overseas Surface -\$21. Overseas Airmail -\$30 (Central America, Caribbean, Colombia and Venezuela), \$33 (Europe, North Africa, Middle East), \$37 (rest of the world). Trial Membership - \$7.50 (10 issues of "DX Monitor" and a New Member Packet, U.S./Canada/Mexico only). Make checks and money orders payable to IRCA and send all dues to: IRCA, P.O. Box 482, E. Moline, II. 61244. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of "DX Monitor" are 50 cents or three International Reply Coupons each and are avilable from: IRCA, P.O. Box 21074, Seattle, WA 98111.

THE IRCA GOODIE FACTORY

Reprints of more than 400 articles from past issues of "DX Monitor" are available from the IRCA Goodie Factory. Also available is IRCA stationery and the very popular IRCA publications: "IRCA Almanac", "A DXPET Technical Guide", and the "IRCA Foreign Logs". For a complete list of available publications and their costs, send a self-addressed, stamped envelope to: IRCA Goodie Factory, c/o Kraig Krist, 7213 Sipes Lane, Annandale, VA 22003.

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