STATIC FROM HQ

While Dick Truax vacations, another DX News is brought to you through the talents of Gary Atkins, Dave Peters and Pat Hartlage. For those of you who like variety, we believe this issue will satisfy you.

We'll get some business items out of the way first. We have a volunteer to do part of the sports networks listing (for NBA and possibly NFL) but still need someone who will replace Bill Hardy and take overall responsibility for the various listings. While the sports nets are not of the highest priority (relative to some other types of DX material), we feel these are useful in identifying stations and would like to see them continued. Bill asked us to make the decision on who does this for NRC. How about it, who among you will come forward? Bill will be glad to assist the new compiler in getting started.

I (Pat) have to apologize to John Kromka. His Contest column arrived in Louisville by express mail for the last issue, but we went to press early and by the time we picked it up at the Post Office, the bulletin had been printed. The prospect of having the last contest in June is not all that appealing, but please do hit the dials and support this last competition. Details and the deadline are found on page 3

Word from Bill Hardy is that IRCA plans to put out a revised "IRCA Almanac" this September. If any NRC members know of any errors that need to be corrected, please write to Bill Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520 at once. Bill also wants to remind everyone to send any corrections to the current NRC Log to John Callarman, c/o WMIX, Box 1238, Mount Vernon, IL 62864, because John will be working on a revised NRC Log in the next few weeks as well.

Back to volunteers. We haven't had much in the way of interest in the GY DX Achievements column which Bill Hale has handled so well. Bill is being transferred to England soon, so we'll need someone to become editor of the GYA. Write to HQ if interested.

We've had a question or two concerning the Night Pattern Book revision. Part of the copy is ready for the printer but it's not possible to give an exact timetable for completion of the PB. We'll ask for orders when the whole book is at the printers. Watch for more info in DXN.

Summer is rather lean for membership income. Since we'll need a little "extra" when we undertake PB printing, we'll encourage those of you whose membership comes up for renewal in the next three months to renew a little early.

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THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB
A PERSONAL NOTE TO THE MEMBERSHIP Earlier this year in DX News I noted completion of the NRC's third anniversary. For most of us here, however, we've been in the NRC in September 1975 when our bid "for life" was accepted. Since April 1977 the NRC has published nearly 100 bulletins and we've put in a lot of hours taking care of other club business areas.

The above is preliminary to an announcement which I must reluctantly make. Regrettably it has become necessary to resign as NRC Secretary effective Oct. 1. The "core" of workers on the NRC is small and I realize my leaving will burden the others on the Committee. At the same time, I have other responsibilities that must be taken care of. For example, there is just not enough time to do what needs to be done if I continue to devote the long, long hours needed to do a good job for NRC. My other obligations are mainly relating to employment and personal financial considerations, for example, I have wanted to take additional college courses but have not found the time.

The experience of being part of NRC's day-to-day operation has been rewarding and I feel I'm a better person as a result. I have no real regrets. I love NRC and have little fear of disappearing from the club.

S AN FRANCISCO GATHERING While it may not he as interesting as the 1906 quake, you'll have the opportunity next month to have a good experience in the city by bay. Rich Segalan called to tell us of the July 12 QTH at his home, 2212 Book Street, San Francisco. Time is 1 pm to whenever. For details more info call Rick Headal at (415) 821-0849.

OTHER GATHERINGS of interest taken from the ANARC Newsletter for May, June 13-19-20 Association of North American Radio Clubs (ANARC) annual convention at Irvine, CA. Details from ANARC, Box 1085, Irvine 92618.

Huntington Beach, CA 92646. Include SASE with inquiry.

July 25-26-27 American Radio Relay League (ARRL) national convention (Hams). Details in June 25th or from ARRL National Convention Committee, P.O. Box 5067, Newington, CT 06111.

August 2-3 Worldwide TV-FM DX Association annual convention at Dunkirk, NY. Details from Bob Johnson, Chairman, 1980 WTPA Convention, Bennett Road.

RDB #9: Dunkirk N.Y.

August 15-16-17 International Radio Club of America (IRCA) annual convention in LOUISVILLE. Details and registration form in this issue of DX News.

August 17 East Coast Summer Convention of the DX Association, Toronto one-day convention. 10 am to 5 pm at ASDA Hq., 1137 East 12th Street, Brooklyn, NY 11230. All DDXers and SWL's welcome to attend.

August 28 DX Association, Toronto one-day convention. 10 am to 5 pm at North York Memorial Community Hall, North York Municipal Buildings, Yonge St., near Sheppard. Details from Harold T. Sellers, 3 Carmo Crescent, Scarborough, Ontario M1L 2S5.

August 18-24. 1st NRC Convention, Los Angeles. Details in this issue. September 2-7 Fifth Annual New England Area DDXr Outing at Black Rock State Park, Deep River, CT. An all day CQG for all DXers everywhere. Details from San Barto, 460 Emmett St., B-19, Bristol, CT 06010.

WEFAX 1520 in Greenfield, MA should begin regular programming with 10 W in mid to late June. This word in a letter from Dale T. Cook, CE. Mr. Cook tells us he enjoys receiving reception reports and is looking forward to getting some from some of our newer members. Mr. Cook suggested that we provide info so WEFAX can use it for! Of course that, he passed a copy of the "Broadcasters' Guide to DX" on to his station's VP and that generated an inquiry from the VP about NRC and DX News. Thanks to Mr. Cook for the friendly letter!

REVIEWS ANYONE? If you have a review of the following equipment, please share it with Newman Hanner, 821 Elm St., Roseville, CA 95678. Reviews needed for Yaesu FM-700Q receiver, McKay-Reek DA-100 All-wave active antenna, Radio West "Shotgun" and Ferrite Loop antennas.

ARRL OPERATING MANUAL available this month includes a new chapter on short-wave listening and includes some info in the WM area. This according to a very nice letter to Newman, the chapter author. Mr. Newman describes the new material in the manual is in the latest revision and may not he relevant to DX news. Some material was furnished by NRC in December for the article.

NRC's representative.

I noted interest to UD for...B.~JaliriiBtt·~:iJ~tf:H'

I. notetJ: onions...

AUGUST 26 - SEPTEMBER 1
We've got a lot of info for the column this time around, a very big thanks to those who sent their tips in. When sending your items in, please neatly type them on one side of the paper, leave a couple of spaces in between items, etc. I don't mind reading the wriggly words when you try to type them after 10 hours sleep, things start to look a little weird. And typo's come at no extra charge-here we go:

**REQ. CHECKS:**
1st TUES...WDBC-1440 starting at 0000, per v/l. (JWB-PD)
2nd TUES...WQIN-1500 starting at 0100, per v/l. (JWB-PD)
3rd TUES...WHO-1600 per list. (ERG-MA)
4th TUES...WTPR-1450 per list. (ERG-MA)

**DX TESTS:**
KTKD-730 heard by JB-NY
WZLO-710 not heard by ERG-MA.
KTRC-1400 heard by NE-NY, tentative in Youngstown by ERG-MA.

**SPECIAL:**
620 WLBZ MR RANGOR - now AM-7, for those needing this rare state. (ERG-MA)
825 UNID Aogenic-In noted running WJPB-FM 5/17/78 1541 per, this day again 1945, then movie audio at 2030. Closest drive-in is about 20 miles away. (KAZ-RI)
831.5 UNID Ailing in between WNYO-830 and Belle-834, strange looping N/F. Do you know what kind of power these things use? (KAZ-RI)
990 UNID NEBRASKA - address in NBC log is not correct, report was returned by the MJ anybody have the correct address? (ERG-MA) Per v/l received last week for reception on 680 on 5/17/83, address given is 350 East Ave., Rochester, New York 14605. Now given as 1000 day/night, non-NA. (DS)
1170 WZIE OR LEONIA - ex-WXLC as of 6/6, format MoB, "Music of Your Life." (ERG-MA)
1260 WXXW NJ Truth: noted on new calls 5/27, ex-WUOD. Format: Top 40. WNNF AM-8, maybe AM-7, female DJ in "Raggedy Ann!", nx at 1900. (SB-DE)
1310 WGBR WI POROBLO - has dropped Larry King in favor of Top 40 featuring DJ called "Raggedy Rocket," running WDDO-FM audio. (ERG-MA)
1320 WJOI WI RADIO COMPANY - noted off the air for about 3 weeks as of 5/28. (JF-NJ)
1390 WXXK NJ ALBUQUERQUE - noted back w/WEL format dropping disco. Don't know when switch was made. (WNN-WM)
1450 WSNQ VT BARRE - now on in Sat. & Sun. AM's w/o, don't know about rest of week, stop 4/17/14 0106-0125. (ERG-MA)
1510 WPQR ID AAG - noted in WOFZ-650, station ID's. Station was called, address given as Box 625, Zip 01016, OK, still noted in all day 5/21, very weak. (LJ-MA)
1560 WJDE NY BROWNWOOD - ex-WVUK as of 5/12. Called station, mentioned area. (ERG-MA)
1590 WQIV CT WATERBURY- format is now MoR from top 40, "Music of Your Life." (ERG-MA)
1610 WYZZ CT PALM - lord record of May FRED. That my UNID does station in Texas is Tampa International Airport 5 watts, 24 hours a day, per info from "spokesman" Mr. Paul Z. McAllister. (CH-MA)

**MIDAY - MIDNIGHT**
540 GST CT GRAND FALLS - 5/16 2300 unusually good w/ID then CBC
610 WTP PA PHILADELPHIA - 5/29 2155 poor w/ID/KB7/Woody #4 (WM-ML)
920 WMMN WV FAIRMONT - 4/30 2358 Top 40, "92-92", ID's, ID, wx, good in w/ID w/ssb, by the way. (SS)
940 WSMG VA SMITHFIELD - 5/8 2000 booming in over all w/o, off, ex-WKSK.
970 WDAY ND DULUTH - 5/8 2155 poor w/ID between, then ID's at 2300.
1000 WBRAM VA TAMPAHANNOCK - 5/17 2010 fair w/high line ID. (KAZ-RI)
1010 WPIW VA PORTSMOUTH - 5/17 1200 noted w/Gospel House, w/MFS. Called station to be sure. ID's at later at 1817. (KAZ-RI)
1050 WPQA MI ANN ARBOR - 4/27 2015 noted w/news report, news, wx, sports w/ID. (SS)
1100 WQWI NC GREENWICH - 5/17 1105-1225 noted fair/poor DSA & others, many mentions of "The Boatshouse." (KAZ-RI)
1210 WKKX MI ST. CLAIR SHORES - 5/20 2100 w/ID for "Roller Coaster." (NLM-NM)
1230 WCMC NJ WOODSTOCK - 5/17 1700 w/ID, Jersey nx. (KAZ-RI)
1350 WBBF ME BEON - 5/17 1615 on TWR while hearing other ID's. Called station to be sure. ID's at later at 1817. (KAZ-RI)
1450 WQDN MI BAY CITY - 4/27 1955 ID popped out of mess, good w/ID. (KAZ-RI)
1620 WJBL WI BOULDER - 5/26 1700 promo for WPLI World nx, ID. Good in WDNS null, much wanted. (MJ-IL)
1330 WBBJ WI SHEBOYGAN - 5/9 2100 fair w/ID only thing heard, (MJ-IL)
1350 WYEC PA SAGINAW - 5/20 2100 w/ID for "Roller Coaster." (NLM-NM)
1490 WPIC VT HARTFORD - 4/26 1955 nx and ID w/time check, poor but ID's heard #2 from CT. (KAZ-RI) A pet here. (DS)
1510 WDOV DE DOVER - 5/25 2300 ID by hour, during which time was heard by WRKZ, others are still looking for them. (KAZ-RI)
1420 WGBS MA MANCHESTER - 5/19 2342 promo for WPDR special w/ID's and address. (SS)
1430 WCRX MN ROSEVILLE - 5/18 2148-2210 noted w/SS format. (KAZ-RI)
1440 WQRS IL PARIS - 5/16 2056 poor w/o, ID only thing heard, possibly w/nx, w/WNFL ID's. (MJ-IL)
1450 WHDL NJ CLEAR - 4/26 1930 on top w/wx, ID then ID. (KAZ-RI)
1460 WRTL IL RANTOUL - 5/26 1745 surprise while trying for relog of WNVG, ID then nx, good all afternoon. (MJ-IL)
1510 WBNR MI ST. JOE'S - 5/12 2100 poor w/o, two ID's heard w/WSQY splash. (MJ-IL)
1470 WTSF VA TAGEVESSELL - 5/20 2029 w/o, w/male announcer, no ID, good w/ID. (VFP-OC)
1500 WCOG NY OSWEGO - 5/19 1800 still noted in all day w/ssb, w/ID on hour, while looking for WPOS. (ERG-MA)
1540 WCKK IN MARINESVILLE - 5/26 2215 poor for Reds-Dodgers BB, ID at 800 in w/ID's. (VFP-OC)
1590 WCOG MI COPER GIRARDEAU - 5/18 2055 ID's for three clear ID's in between w/ssb's of WSAO & WCSS. (MJ-IL)
1570 KEHP WI BINGHAMTON - 5/22 2130 w/off w/partial ID noted w/WSQY, very poor. (MJ-IL)
1570 KEQC IA IVANSTEDT CITY - 5/17 2125 surprise w/off and mention of "Amtrak," very "seen." (MJ-IL)
1580 WMPM MG PASADENA - 5/20 2045 ID's by hour, very fine time check, good signal. (VFP-OC)
1590 WTRC WI TWO RIVERS - 5/16 2115 after WABBA-ID, faded up w/half an ID and owners name, poor. (KAZ-RI) Half an ID is better than none, I always say! (DS)
1590 WAKR OH CLEVELAND - 5/9 2100 w/off w/cleveland Indians BB, (KAZ-RI)
1590 WCN CT WATERBURY - 5/9 2100 ID w/off w/200 ID & trailers, local ads. (KAZ-RI)
1600 WCBG PA CHAMBERSBURG - 5/23 2114 fair w/wx, wx from Radio Hill. (WM-NY)
1600 WHEU WV WHEELING - 5/2 2010 on top w/ID, ex-WFBX nx, local ads. (KAZ-PA)
The HARP system is being built by Atlantic Research Corporation of Memphis, Tennessee, under a grant authorized by the Federal Communications Commission and the Federal Highway Administration. It is a pilot system in that methods and equipment pioneered in Knoxville may be applied to similar situations across the nation. The project is funded by the Federal Highway Administration under a grant authorized by the federal government paying 90 percent of the total cost. Realizing the incompatibilities resulting from Knoxville's Phase 1 interstate construction, the Tennessee Department of Transportation is utilizing the HARP radio as yet another means of aiding area motorists.

Radio Station for Traffic

Officials of the Tennessee Department of Transportation include an "Airport Radio" station on the air. The station, which broadcast on 530 AM, will provide 24-hour-a-day traffic information. This "traffic information" will be relayed by way of the Federal Highway Administration Operations Center to the HARP radio, currently on the air. The station, which is located on the east side of Interstate 40, is the only such station in the United States. HARP traffic reports to motorists who listen to the radio as they drive on the interstate highway.
VISIT THE 'CITY OF THE ANGLES'
Here is the last GRAVEYARD DX Achievements column for this year. It is a listing of the total number of graveyad stations received by those who have reported that data. Norm Maguire continues to lead the pack, with 367 more than the next reporter, Gene Allen. As noted in a previous edition of DX NEWS, I am stepping down as editor of this column, this being my last report. I have received several requests to turn over the reins, but I haven’t got any say in the matter. Send your letters to HQ, as they are the deciding body in these matters. Thanks to all who have supported this column over the past couple of years. Here is what the totals look like:

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<td>George Santulli Cranford NJ</td>
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*indicates a number was not submitted for this frequency. For your new members, don’t let the big numbers scare you off. Some of the listings are from DXers who have been at it for over 20 years. Best of DX to all, support your new editor whoever they may be.

MORE 1980 BASEBALL

Add these to the listing in the 4/21/80 DX NEWS (pp. 40-42), as amended in the 5/12/80 DXN (p. 26). Acknowledgements: Doug Beard, John Clemmer, Ernie Cooper, Terry Klaese, Lonnie Nine, Chuck Reh, Sheldon Remington, and Robert New York Yankees

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<tr>
<td>Bill White</td>
<td>3B</td>
<td>New York Yankees</td>
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<tr>
<td>Frank Messer</td>
<td>2B</td>
<td>New York Yankees</td>
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<tr>
<td>Fran Healy</td>
<td>RHP</td>
<td>New York Yankees</td>
<td>250</td>
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Note: Many of the "far flung" Yankees stations, especially those in Alaska and KSU-1340 in Idaho, may be airing only selected Yankees games. Of the distant stations, such as WOAI-1200 and KXXX-1300, are on several baseball networks and probably feature different nights. WIOD-610 is also in this "sports station" category.

ST. LOUIS CARDINALS

Jack Buck. Mike Shannon, Don Kelly

Special thanks to Terry Klaes and Lonnie Nine for the complete Cards netl

5. Formerly WPSC, Pinelake Park, FL; now a full-time station.
6. Formerly WPSC, Hyde Park, NY.
7. A new 5000-watt full-time station in Homer, AK.
8. Many of the "far flung" Yankees stations, especially those in Alaska and KSU-1340 in Idaho, may be airing only selected Yankees games. Some of the distant stations, such as WOAI-1200 and KXXX-1300, are on several baseball networks and probably feature different nights. WIOD-610 is also in this "sports station" category.
MUSINGS

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

PETER A. NOLAN - Box 1594 - Eugene, Oregon - 97400

I see I missed another "special" issue of MUSINGS. I was eligible for

never was good with deadlines. I actually I was planning to send in but didn't think

I should, as I no longer actually live in the P.O. box - too cramped. Besides, the P.O. de-

livered the morning paper three days late... A little DX activity here, just in time for

Fotwer Sun. eN. This summer saw a lot of "E" activity on 10M and 15M. Otherwise, dull. I tracked as best I could emergency broadcasts from Mount St. Helens' eruption evening of 5/18. These primarily in Central and Eastern Washington communities dealing with ashfall. Emergency coverage would be a better term, as nobody was hurt on area 700 or even stations in the West, and those few are generally in markets with other full-time stations.

So such an emergency doesn't automatically provide opportunities for new logging the way, say, an eruption of Mt. St. Helens would. KEC-560, KEXL-1260, a several Spokane stations were noted with special broadcasts. KULX-20, in Walla Walla where the problem was less serious, was putting on great DX for reaching people in areas, with constant DX. March 21 in Walla Walla, was talking about its nearby ski areas, with DX @ 6:00. Mon. 4/31 at 11:00 EAT max said 21 hours, all the time; there goes KEXL. At 6:30 they advertised their sister station, KEXL-1300, Seattle. April 11 I started using a Ferris Bar Loop purchased from Radio West. It certainly is directional. Of course the San Fernando Loop is being built, otherwise I'm alternating the two as the notion strikes. April 17 I found KEK-560 testing at the present test. exp is on an "A" and 4:30 previously unheard. KI - 1340, Santa Barbara made it through the hash. Senior Citizens, REMARK! Don't work so darned hard! I did, and wound up in the Intensive Care Ward with a heart attack. Doc said I had a blood clot in my leg. After several days of good, needed rest, on Wed. April 30 I was sent home. That knocked the first ringer off before midnight and Sam snored very little, then. I feel all right, with no pains since entering the hospital; just rather weak. I did not want to work, anyway. Neighbors will now be my laund nute me. I will report if I hear anything outstanding. Best wishes to all. (You're you're feeling fine, Jim! -E)

NRC GUIDES FOR THE PHILADELPHIAN'S HOT RELIGION - AND HOW!

DAVE SCHMIDT - 42 E. Troubadour Road - Castle Hills - Las Angles, California - 90244 5/30/80

Here is a stately clock chiming tips news at this end, and the format was at

WZL - 990, on 5/21 (Mother's Day): They switched from a disco format to all religion. Dey were using the theme "Have a Nice Day with Jesus." They're still 24 hours and all over the dial sideband-wise but at least they'll quiet down some with the taped programs. This makes four full-time religious AM stations in the city (WZL, WAXE, BEBZ and WRI). As you see, it was very slow here with just every now and then checks being done. 4/30 - WRI-1550 5:00-5:30 am WIR; religious asx, news signal 4/27 - WERJ-1260 w/o

on, then Master Control program, just a few of the usual (WJR). 5/17 found a weak w/o asx

station on 9/590, so it was probably WIR but not enough for a report. Anyone also notices the absence of WJCD-990 this season? They used to give WZL FM at night in these parts but it hasn't been that way this season. WZL is weak but alone. Verdi are at 10X with the following added w/o: WJCD-960, WAJR-990 (w/titier), WERJ-1550 (WAM, 50, 60, bar code). As usual, they taped as they will be going away as they just haven't been playing for the past few weeks, only about a 60% return this year. But when you get to call 2-100 stations now, ones are harder to get. Welcome to new local EMER SAMBARFRED: That should do it. Keep sending in these WIR tips - 73's.

TAKING IT EASY, OLD-TIMERS!

JAMES L. CRITCHLEY - 1635 Valridge Street - Red Bluff, California - 96080 5/10/80

My last report was Feb. 11, so I should report to you. I have done most nights, but nothing spectacular. March 3rd I heard my second Alaskan DXE-750, Anchorage @ 1200 EAT & 1110 DX. March 10 at 1:00 WMT, the usual EWTAN, Vancouver, Vancouver ID with constant DX. March 21, 5:30 on 10M, I was talking about its nearby ski areas, with DX @ 6:00. Mon. 4/31 at 11:00 EAT max said 21 hours, all the time; there goes KGW. At 6:30 they advertised their sister station, KGW-1500, Seattle. April 11 I started using a Ferris Bar Loop purchased from Radio West. It certainly is directional. Of course the San Fernando Loop is being built, otherwise I'm alternating the two as the notion strikes. April 17 I found KEK-560 testing at the present test. WIRF is on an "A" and 4:30 previously unheard. KI-1340, Santa Barbara made it through the hash. Senior Citizens, REMARK! Don't work so darned hard! I did, and wound up in the Intensive Care Ward with a heart attack. Doc said I had a blood clot in my leg. After several days of good, needed rest, on Wed. April 30 I was sent home. That knocked the first ringer off before midnight and Sam snored very little, then. I feel all right, with no pains since entering the hospital; just rather weak. I did not want to work, anyway. Neighbors will now be my laund nute me. I will report if I hear anything outstanding. Best wishes to all. (You're you're feeling fine, Jim! -E)

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ORDER TODAY.
S O F AR...  

2301 Pacific Avenue, Aberdeen, Washington 98520

Greeting's from the "Volcano State"! In case anyone has been concerned about our personal safety, let us point out that Aberdeen is about 95 miles Northwest of Mt. St. Helens. However, 2-5 miles winds move to the East, we're still are completely safe from mud and flood dangers (as we are), and would only be bothered by ashfall if the eruption would directly come our way. I think with 850 watts promoting a power increase. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y. a 500w station, which in the beginning was a goal, frequency to 1950 very soon and going fulltime. They have two new towers up (total of five) so far for testing on 550 and changing some time this Summer. One more item of interest to me was in Canada during May, N.Y. are going to apply for a 500w station on 650 to be in Canesau, N.T. which is about 2 miles SE of Dryvess. I hope everyone has a fun-filled Summer.

ONE TO DO FOR HIS THOUSANDTH DOMESTIC VOICE

RUS MONSO - Box 110 - Pequequeque, New Hampshire - 03794

Time for my annual cruise, I spent 5/17 & 5/18 down at the first state, Delaware. Saw that they moved their DX spot to 250 watts. Also enjoyed some DXing and playing with the May 12, 1980 station, KROY, Aberdeen, Washington - 990. This gives me 999 domestic voices. KT9P mentions 105 watts non-directional at this time. They use a mobile station on the Jewish holiday, Passover. N9Q mentions 500w, 5/12, 1980 and W9BMO who writes & reads the N9Q DXing. Isn't it amazing what some DXers will do for running over 30 but who thought everyone would know that, how it affected DXing, and also that we are safe. 73 

FATHER'S DAY IN THE CITY BY THE BAY

JACK F.X. - 105 Cole Street, San Francisco, California - 94117 - 415-397-9500

This is the first time that I have not printed I am last attempt to be printed I have been given a year off as a consultant, to study and travel. From September to December I will be at a research institute in Illinois which I hope to be able to get more report in before the West Coast. The range depends on the funds available. Maybe I will also have some time this year to get back into DXing more than I have in the last couple of years. I plan on attending the ARRC Convention in July, nor the IREG get-together in Los Angeles. 73 de JFP.

HE'S OFF TO HIS SUMMER JOB

WILL POLISH - 15 Dowes Grove - Toronto, Ontario - M6H 4X2

Before going on with the latest DX, let me clarify something in my 5/12 bulletin mailing that makes little sense. It was mentioned that I was going to say that "W9VXH (900) was the only station in the milestone group that I'd verified over the past days; less than ten new stations, more than 70 stations are normal for DXers." This is false. It was "W9VXH (900) was the only station in the milestone group that I'd verified all year long; less than ten new stations, more than 70 stations are normal for DXers." The big ones; 5/16. W7A3-L500 at 11:50pm 12:00am, T.H., ID & DX for my first Vermont station, 1980. 5/12. W7D2-L500 at 11:50pm 12:00am, T.H., ID & DX for my first Vermont station, 1980. Present totals, 511 heard 251 verified (350+ on weekend of 5/13), MARK STICKER & GEORGE GREENE were here for their 3rd & 6th visits respectively. We had fun, but missed out on a trip to visit Burlingtonians, GW5WLL. Including MACHA, JOHN'S BELL UNTILERS, all DXers. As those from those summer shorts as those in the Toronto area, before I depart, a news item for those who want a new station (if you count letter changes). CHIC-990 is a new CHIC-990. It took a visit from MARK STICKER to find a 990 out of them. I should have known from the new "Juni Ort" and my way 2 summy Bayville OX, for my summer "job" as camp counselor. RY. (Have fun LOC)

990-990 SORK KILL GET A POWER INCREASE

JERRY LODI - 1/3 Russell Road - Rochester, New York - 14617

It's a good thing. The DX is slowing down around here but I've still got quite a bit to report. I thought it'd be nice if I could talk about the summer colds in 5/12. While I've been logging since last night, 4/14. W7D2-L500 at 11:50pm and was finally heard 1.5 times by 7/14 with 1150 and then 2/14, 11:50pm and was finally heard 1.5 times by 7/14 with a 10 Watt station and then 2/14. George. This was the last day on local W7D2 for 660 - they signed off of 68C 6/5/73 on their new frequency of 990 about a minute later. A few days later on 5/7 I enjoyed my third 990 station logging of the month in 5/7-14 which was heard 12/14am. I haven't (Jerry home, cond.) checked but I don't think there are too many N.J. stations I have not logged yet. More DX - MM/14 dented the K7BSS-100 that seemed to be worldwide. I heard the r/e of W7BSS-100 or at least I heard a TT that may have been there. It's possible I may have been there. I have sent Paul Ricks for the DXing. NE to 410 trying for the TT. This that took care of the 5/13 logging on 5/2. W7KJFJ-L500 at 12:17am & 5/21, 11:50pm. MM/14. On 5/5 I logged the KRA-430墨西哥, 990. This was in rather weak and my last new logging to date was W7BSS-100 11/3 with 1150 and W7D2-L500 12/17 with 990. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than maybe 1000-5000. In nearby Brookport, N.Y., K7BSS-1500, 990 was still heard at 5:10pm with WCNC-120. I wonder if the DXers will be at 1500 or not. I've been going fulltime. I think with 850 watts is promoting a power increase soon. If they keep their non-DX plan pattern I can't see the damage getting more than
*I JUST KEEP RAMBLIN' ON...*

STEVE PARADIS - 15 Cornwall Ave - Millville, New Jersey - 08332

2/8/80

...I was surprised to learn that the DX I was listening to was no longer audible. Prob.

PLATE 86

Perhaps my change of zip code—Oh, well. At least it was printed somewhere, still.

smp : FEADIES

- Firstly, I change this of Magnavox stereo printed somewhere. I've had it since last couple of days, not sure how I got it. My own screen photo. (I'm catching up on ERNIE, hi). Chamber of Commerce & I've original logging.

wksc-1440, id .

VOL. 9, TERN, 1975, Towson, Md., both fighting it out for an example. 1570 s/off @ 6:15pm s/off. Mon, 5/26, urv-15 90, 1200-1590 s/off @ 6:15pm w/legal ID for first n.s., and kHz-1570 s/off @ 6:15pm w/legal ID for first n.s., as stations, in sixes and sevens. Mon, 5/26, kHz-1570, nace-1590, kHz-1590 w/some stickers, chow-khz s/off station sted, sticker, and Sarnia Chamber of Commerce mar, w/the kHz-1590-TERT. A funny one was kHz-700. I've gotten a few s/off, and worked the original logs. My Dish Response was: the two stations below.

n. Many thanks to MARK CONNELLY, RICH COOPER, and CHUCK BUTTON for their help with my term paper, and to MALCOLM, for his. It is a real honor to have you as a guest. 5-Hz stereo identification.

I've thought of a few myself. How about wc (feria-card, v.l. (vera-letter), etc., wait ( omn-identified), nazi (natural identifier)? I think we can keep the wc, I.e. cx, nX, ex, etc. as they seem to be dB's locations anywhere. But I like ku as a testing. If we could declare our independence, hit and use our own terms. Part two of my handout looks like this: 1010-1100 kHz, 1100-1200 kHz, 1200-1300 kHz, 1300-1400 kHz, 1400-1500 kHz, 1500-1600 kHz, 1600-1700 kHz, 1700-1800 kHz, 1800-1900 kHz.

The problem is that there is no one unanimity on this. Nor is there even a proposal. And we can't work the original logs.

Decoding the transmitter information to receivers, we've been stuck with a single selection, but losing competitors may well challenge the outcome in court.

The technique devised by Magnavox Consumer Electronics Co., Fort Wayne, Ind., is relatively simple, according to its designers. To encode and broadcast stereo, Magnavox forms the sum and difference of left and right audio channels. The summed audio signal amplitude-modulates the carrier and the difference signal linearly-phase-modulates it.

Identification. In addition, a 5-Hz subaudible tone is frequency-modulated onto the carrier for stereo identification by the receiver. The same tone can also carry other digital information to the receiver, such as time, frequency, or call-letter identification.

To reduce incidental phase modulation, transit time and amplitude are equalized in both sum and difference signal paths by compensating networks. All existing a-m transmitter equipment is easily supplemented with the mixing and modulation equipment needed for stereo.

Contributor ???

MAGNAVOX STEREO

OK'd for a-m radios

The dust is settling from the Federal Communications Commission's selection of the Magnavox stereo a-m broadcast technique over four competitors—but the criteria by which the FCC made its decision still are not clear.

For the basis of the 4-to-2 vote, with 1 abstention, has not been disclosed, although the industry has waited three years for the FCC to evaluate the systems. The commission was under industry and congressional pressure to come up with a single selection, but losing competitors may well challenge the outcome in court.

The technique devised by Magnavox Consumer Electronics Co., Fort Wayne, Ind., is relatively simple, according to its designers. To encode and broadcast stereo, Magnavox forms the sum and difference of left and right audio channels. The summed audio signal amplitude-modulates the carrier and the difference signal linearly-phase-modulates it.
about the reduced modulation level of a-m stereo [Electronics, April 14, 1977, p. 82] would have been further burdened by having to conform to a multistandard system.

The decision to stay with one approach has also minimized the cost of adding stereo circuitry to the receivers. In fact, Magnavox says its system will have a negligible effect on the overall retail price.

However, another year may pass before one sees any a-m stereo equipment for sale, according to a Magnavox spokesman. He cites a number of reasons, among them a request to the FCC by the Electronics Industries of America that the installation of stereo broadcast equipment be postponed for nine months to give retailers time to clear their shelves of current inventory.

Once started, installation of stereo broadcast equipment will take four to six months. At that time Magnavox intends to have the stereo receivers available to consumers and says it will make the technology available to other radio makers.

One spur to the U.S. market is expected to come from Japan, with its vast exports of cars and radios to this country. "But don't count on that fast market growth in cars," says an FCC staff member, noting it could be slowed "if the recession gets serious." -Gil Bassak, Ray Connolly

Washington, D.C. — The Federal Communications Commission has voted to drop the专项class of "clear channel" radio stations, making way for up to 125 new AM stations, many of which will be tagged for minority ownership.

The commission action, culminating a proposal set in motion in 1978, is expected to touch off a wave of 2,000 or more applications for the new stations, as well as possible last-ditch legal action to block the move.

By a 4-0 vote, the commission set aside space on the AM radio dial for the estimated 125 full-time stations. The commission released a list of 35 communities described as prime candidates for full-time station assignments, including Tomahawk, Wis.

Space for the new stations was created by limiting the nighttime interference protection provided to America's most powerful AM stations. The ruling would limit the wide area of broadcast coverage by the clear channel stations to 750 miles in any direction.

23 clear channel stations

There are now 23 Class 1-A clear channel stations in the country. Established in the days when large areas of the nation did not receive local radio service, the Class 1-A stations are the only ones allowed to broadcast with the maximum 50,000 watts of power at night in all directions.

The FCC said it had determined that the signals of such stations could be picked up reliably — more than 50% of the time — up to 750 miles from the station.

It then amended its rules to protect that service area from interference. New stations that would be sufficiently distant from existing clear channel stations, or that could use directional antennas to broadcast at night without intruding on that protected area, should be allowed to operate, the commission said.

While generally ignored in the public debate — which focused in large part on the fears of "Grand Ole Opry" fans who were afraid they would be unable to tune in Nashville station WSM — the main spur behind the commission's action was a pending change in international rules.

Under that change, if a radio station is not operating or at least authorized to operate by the end of 1982, it will not be entitled to protection from interference by stations in other countries. Thus if the US does not make moves to make better use of these frequencies, the staff warns, they could be lost forever to Canada.

WSM, which has broadcast the "Grand Old Opry" to 34 states and Canada since 1925, is considering taking legal action to prevent the commission's action.

2 goals stressed

The FCC said it would stress two goals in picking from competing applicants for new stations: increasing the number of minority-owned stations and granting service to areas without local nighttime stations by allowing new ones or giving daytime-only stations the right to extend their hours.

The commission said a computer study had identified 16 cities with a large minority population that could gain a minority-owned station:

- Atlanta, Ga.; Los Angeles, Calif.; Miami; Houston; Portland, Ore.; Mobile, Ala.; Albuquerque, N.M.; Phoenix and Tucson, Ariz.; El Paso and San Antonio, Tex.; Buffalo, N.Y.; and Shreveport, La.

The study also picked 20 smaller communities that could receive their first stations:

- Tomahawk, Wis.; Haines City, Fla.; Marianna, Ark.; Collinsville, Va.; Wiggins, Miss.; Woodburn, Ore.; Shelton, Wash.; Rifle, Colo.; Dallas, Ore.; Terrell, Texas; White Castle, La.; Sedona, Ariz.; Newburyport, Mass.; Orange Park, Fla.; Lakeport, Calif.; St. Helens, Ore.; Milbank, S.D.; Dimmit, Texas; Canonsburg, Pa., and Selma, N.C.

New frequencies also could be assigned to Anchorage and Fairbanks, Alaska, the commission said.

The 25 Class 1-A stations, in addition to Nashville's WSM, are KFI in Los Angeles; WCBS, WABC and WNBC in New York; WGN, WBBM, WLS and WMAQ in Chicago; WLW in Cincinnati; WSB in Atlanta; WJR in Detroit; WBAP in Fort Worth; WCCL in Minneapolis; WHAS in Louisville; WWL in New Orleans; KDCA in Pittsburgh; WBZ in Boston; WHO in Des Moines; WWVE in Cleveland; KMOX in St. Louis; KSL in Salt Lake City; WHAM in Rochester, N.Y.; WOAI in San Antonio, and WCAU in Philadelphia.
WASHINGTON — Prospective manufacturers of AM stereo systems and engineers who tested them are gathering their forces to contest the recent FCC decision naming the Magnavox unit as standard.

Engineers attending the recent National Association of Broadcasters (NAB) convention in Las Vegas said they disagree with the Magnavox choice, and at least two petitions for an oral hearing before the FCC for a review of the decision have been filed by prospective AM stereo manufacturers.

FCC commissioners Robert Lee and James Quello said at the convention that if AM station engineers felt their mistake had been made, and could show the Commission where, they would consider changing their decision.

The other systems reviewed by the FCC were manufactured by Motorola, Belin Electronic Labs, Kahn-Hazeltine, and Corona/Comet.

The Kahn-Hazeltine Corp. filed a petition with the FCC in mid-April asking for an oral hearing to discuss the decision and review the FCC's qualitative report of the different systems.

On April 10, Motorola sent a petition to the FCC in support of the Kahn-Hazeltine move for subjecting the report to public inspection.

Spokesmen for the rejected companies say engineers prefer the Magnavox system: Motorola, RCA, Westinghouse, RKO, and radio stations in Baltimore, Philadelphia and San Antonio recommended systems other than Magnavox to the FCC.

The FCC has not yet released the report on the various systems; however, an FCC spokesman says it is due out in approximately six weeks, and manufacturers can petition the FCC for an oral hearing during that time.

Chris Payne, assistant to the vp of engineering for NAB, feels Magnavox has traded off, and Magnavox was as good as any of the systems submitted for review. "They are all good, as is Magnavox," Payne says.

"The main thing is that the FCC made the decision for a standard rather than leaving it up to market forces."

The chief engineer for WSM, a Nashville radio station that tested the Magnavox unit, believes the negative-peak-modulation problem the unit poses could be lived with. "It wasn't all that severe," he says, "and it performed well in all other tests. They all had to trade off in certain areas. This is where Magnavox chose to limit their system."

AM stereo has been awaited by the industry for many years. Car manufacturers such as Ford and Chrysler have plans to install AM stereo systems as early as 1982, and two foreign auto manufacturers are rumored to have plans for installation of the AM system before that.

The FCC decision becomes final when it is printed in the Federal Register, which is planned for later this week. Given the negative feedback from the industry, says the FCC spokesman, the FCC is not sure that schedule will be met.

Howard Roth


NEIL G. TATE - 693 Quincey Drive

5/23/80

WILL BEGIN THIS違い WITH A COUPLET OF BUSINESS WHICH ARE ON MY MIND.

Firstly, I am still trying to figure out one or our Canadian offices who will trade for return postage with me. Someone, please? (Me too - BKE). Nearly, my 8McP report was due a little prematurely as several 8McP's have been submitted since my writing. Again, my thanks to the additional club participation since the end of March. This is due to not trying more than to the conditions I am sure. On 3/51 the TBTN from NWC-700, Sharon, Pa., was made with some T7s and two CB ID's fighting thru TRU-1500X a year ago. I noted KMA-700 Harrison, 640 W 2/25-3/06. And on 5/21 newies WMC-1250 Hopkinsville, Ky., heard 1720-2400 with a number of IDs, but not enough material for a report made thru the graveyard. Varies have been received from KBW-1970, Poplarville, Ms., and RFC-700, Port Arthur, Tex. The WANC-10.17 was spotted on a trip by car by Bob MCCF through Minnesota and Wisconsin. We saw such famous radio stations as KEWE, WTMJ, WLCW, WMYT, WBAY & WLTV. If you have heard most of these, you are a pretty good DX'er. We also saw several of BKE's favorite type bottlings. As for my driving trip this year, I do not think that I will be attending any of the club conventions this year. I am considering hosting a Labor Day weekend on here in our area to coincide with the NKC Convention. In Summation this is Summation, is this? And think that this month should meet the Land Locked DXers issue of the Mailing of the Members. I tell myself I should work on Gravewarden DX this Summer, but I may do mostly FMing.

LET'S WELCOME SCOTT INTO THE LAND OF THE MUGS!

SCOTT BLIGHT - 4001 Hampshre N. - Crystal Minnesota - 55428

Greetings from the Twilight Zone, this MUGing coming to you live from the 9th Dimension, via pen and paper. Before you I am (which I am) Mr. Scott Blight. Before you I am (which I am) hi, perhaps I should intros myself.

My name is Scott Blight, c/o KJEV-150, Anoka, MN. 55303. "or some reason is sues of DX & WA-7. I'm 19 years old and I'm into the radio scene here in Minnesota. Starting quite young, I started my radio life in '76. I've been into AM DXing, more than Dxing. I work at WMC-1250

THE PLEASURE OF X. SUBSCRIBE TO THE PLEASURE OF X.

FCC is not sure that the report to public inspection. I hate not receiving the X.

The FCC has not yet released the report on the various systems. An FCC spokesman says it is due out in approximately six weeks, and manufacturers can petition the FCC for an oral hearing during that time.

Chris Payne, assistant to the vp of engineering for NAB, feels Magnavox has traded off, and Magnavox was as good as any of the systems submitted for review. "They are all good, as is Magnavox," Payne says.

"The main thing is that the FCC made the decision for a standard rather than leaving it up to market forces."

The chief engineer for WSM, a Nashville radio station that tested the Magnavox unit, believes the negative-peak-modulation problem the unit poses could be lived with. "It wasn't all that severe," he says, "and it performed well in all other tests. They all had to trade off in certain areas. This is where Magnavox chose to limit their system."

AM stereo has been awaited by the industry for many years. Car manufacturers such as Ford and Chrysler have plans to install AM stereo systems as early as 1982, and two foreign auto manufacturers are rumored to have plans for installation of the AM system before that.

The FCC decision becomes final when it is printed in the Federal Register, which is planned for later this week. Given the negative feedback from the industry, says the FCC spokesman, the FCC is not sure that schedule will be met.

Howard Roth


THE NEXT ISSUE IS IN TWO WEEKS AS IS THE NEXT DEADLINE. UNLESS YOU WANT TO POST A CRY IN FOR THE NEXT ISSUE ON THIS DATE THAT MOST OF YOU RECEIVED AND THE DEADLINE IS JUNE 15TH. THE JUNE 16 DEADLINE WILL FEATURE SURE WINS WITH SURE BIDENS - 9/67 A, B, OR C. FOR THE JUNE 8TH DEADLINE, THE FEATURE ATTENTION WILL BE ON THE SURE YOU HAVE NOT YET HAD THE PLEASURE OF MUSTING BEFORE. BE ON TIME IN THE CLUB OR OTHERWISE. PLEASE DOUBLE SPACED.
TONY FITZGERALD - 121 Dewey Road - Chalfont, Pennsylvania - 19014
May 29/80
EL, all.
Well, two interesting EC format changes WQXN-150 has joined the "Music of Your Life" club, dropping its rock format. And WZUU-1140, on 5/11 dropped (Thank goodness) "Wheel100" and accompanying noise, and become WZUU-900.

"Hour Voice of Inspiration" - one of only three 50K fulltime KEL stations I know of in the U.S. (other two are WAKL-1140 and WQXN-1170). I wonder how WZUU will do in a market with four other KEL stations (stations that play the leading mainstream in pop, hit, and country music)

The station's humor is quite strong - and daytime news, too. April 2nd I was present for a few hours of the station's best, and it's safe to say that, while there may be some improvement in the future, the station's current format is a major improvement over its previous one.

I have some questions about the station, and I would be happy to share them with you. Please feel free to contact me if you have any questions about WZUU-900.

Terry C. - (ECX)

BILL TOWNSEND - 1-400 Connecticut Avenue N.W. - 20001 - Washington, D.C. - 202-335-4601
May 20/80

On Saturday night, 5/10 TONY FITZGERALD held a WADWA party at his Arlington, Va., home. Among the 25 guests attending were WAKL-1180 MONTI, WQXN-1180, and yours truly. It was a real hit, with the guests enjoying themselves to the fullest, and leaving the party with a smile on their faces.

Terry C. - (ECX)

Terry C. - (ECX)

WQXN-1500 goes on the air again, w/a KEL format, a locally. WQXN-1500/1100 will change to WQXN on May 1st, and then be back with the KEL format.

GEORGE D. GREENE - 108 Sunset Avenue, 20147
May 20/80

This is a letter to the editor to express my support of the recent changes made at WQXN-1500.

WQXN-1500 has made some positive changes in recent months, including the addition of a new music format and the expansion of its local programming. These changes have helped to improve the station's ratings and listener interest.

I encourage WQXN-1500 to continue making changes that will benefit its listeners and the community. Thank you for your hard work and dedication.

GEORGE D. GREENE
YAD!!!

WHOT tour. Photo by Paul Swearingen.

The enthusiasm shown in the picture below is probably our best for the 1980 YAD. Somewhat foolishly we'll try to name those pictured -

(L to R) Unknown (a fine start!), Pat Hartlage's arm, Martin Foltz, Chuck Rader, Dick Truax, Al Bedoya (hidden) and Bill Whitacre.

On behalf of the attendees, a thank you to Jerry and Bonnie Larr for the fine effort!!
Greetings and solutions! Finally we've got enough items for a column again! Would have had it sooner but for a batch that went to HQ instead. This column is intended to be out every 4-6 weeks in season, but not if I've only got one or two items.

FOR SALE, RECEIVERS

TASCO 760-71; less than 2 months old. Mint ex w/ manual, box, optional battery holder. Will ship UPS/COD $265. (Robert Aluska, 14-57 110th St., College Point, NY 11365. Tel after 1900 EET (212) 445-9999.)

HAMMELUND EQ-200. Excl. ex w/ manual.$190. Matching speaker, excl. ex, $25; Data Engineering FM-3 freq. marker $25. All via UPS prepaid. (Bill Whitacre, 2609 Devonshire, Lansing, MI 48910. Tel. (517) 482-7996.)

TASCO 760-77, modified by Radio West w/ 2.9 kHz Collins filter and extra stage of gain. Less than 1 year old. $350. (James C. Hartung, 601 Rose Dr., Aberdeen, MD 21001. Tel. (301) 272-2833.)

FOR SALE, ACCESSORIES

HEATHKIT VOM, Mod. MM-1 & HEATHKIT IS-102 HF Generator. Best offer each. (Hartung)

DELTA VARIABLE HIGH PASS AUDIO COMB FILTER: Ideal for cleaning tapes, bats, noise, etc. Complete w/ manual. Asking $100. (Glenn Jacobs, RD #1, Box 359-A, Moscow, PA 18444)

KX-221 FREQUENCY METER. Complete w/ manual, all charts, excl. ex, $65. (Jacobs)

TUFNOTE 304 Scope. Rack-mount w/ F-7 Phosphor. Ideal for SAW work. $350. (Jacobs)

HEATHKIT-PACKARD HP-504 Frequency Counter, 10-sec. gate time for measurements to 0.1 Hz. Manual included. $185. (Jacobs)

KX-221 Frequency Meter, w/ manual. Good ex. (Contact via editor) Best offer.

WANTED, RECEIVERS

COLLINS R-390A/BB, will pay top money for top receiver. (Alan Gibler, 228 Marion Dr., Ashland, OH 44804)

WANTED, MISC.

Copies of WRTH, 1960 and earlier. Please state condition & price. (John Walters, RD 3, Acorn Dr., Vinicentown, NJ 08088)

TRAIN

DX MONSTERS: Vol. 9 (7/71-8/72); Vol. 10 (8/72-9/72); Vol. 11, 12, 13, 14 plus #1 of Vol. 15, not all complete. Will not break up Vol. 9, but will search through others for individual issues. Make offer, send SASE or whatever, will hold for one month from date of this issue. Would especially consider pre-Vol. 42 trades of DX NEWS. (Paul Swearingen, P.O. Box 500, Kewaunee, WI 54230)

CONT

PLAN NOW FOR LABOR DAY IN L.A.!
RECORDING JACKS FOR RECEIVERS

By Dave Arbogast

In a recent DX News, someone asked how to put in a jack for your tape deck in such a manner that you could set the volume for the external speaker anywhere you wanted it and it would not affect the level you were recording at. This article will attempt to tell you how to do that.

First off, let's see what you will need:

J1 - Jack (standard, mini, whatever you prefer)
C1 - .01 uf capacitor (available at any electronic supply house)
W1 - Wire
Solder and solder iron

This is a relatively simple operation, so don't bother to scrub, but the first thing to do is take off the bottom of the receiver, whichever is necessary to get to the volume control easily accessible.

1) Locate the volume control. If you have a tube set, it is highly recommended you install a .01 uf disc capacitor. If you have a DX-160 like me, or a TRF, you do not have to install it, but, it won't hurt. Solder the capacitor to the positive side of the volume control. Connect the positive wire to the free side of the capacitor.

2) Solder the ground wire to the ground side of the volume control.

3) Install the jack on the cover of the receiver. Once you have it secured, solder the positive wire to the positive tab on the jack. Do the same with the ground wire. MAKE SURE THESE CONNECTIONS ARE CLEAN AND CORRECT.

Now, check everything against the diagram:

All material contained herein was checked by ex-NRCer Dave Friedl and by my father, Glen Arbogast.

If you have any questions or comments please direct them to me at 3851 Porter Road, Rootstown, OH 44272.

Now, having all that done (and done correct), put the cover on, plug in your tape deck, and start taping!

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EUGENE RADIO PHREAKS GTG
JULY 25-27

The Eugene (OR) Radio Phreaks (EUGPT) cordially invite other phreaking people to an extended GTG from Friday, July 25 through Sunday, July 27. The entire city of Eugene, Oregon trembles in anticipation.

Activities: DX and SS to X5. Wallowing in stickers, surveys, rate cards, and other (mostly radio-related) paraphernalia. Touring local radio stations and trying not to let them know how bad they sound. Keeping neighbors awake, and other activities you might expect from a group which calls itself EURP.

Cost: None really, but those who show up will split refreshments and miscellaneous (mostly radio-related) paraphernalia. Touring local radio stations and trying not to let them know how bad they sound. Keeping neighbors awake, and other activities you might expect from a group which calls itself EURP.

Eugene Radio Phreaks (EURP)

Plainfield, N.J. 08070

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Glen Hauser, Knoxville TN: 330 is sounding more and more like a graveyard. One of the Knoxville VHF transmitters is always audible with a good signal at my home 80 miles away in east Knoxville; gives echo at 99.99. At night, (May 7 0420 EDT) I pulled it in with "Smoky Mountain AM" and heard a clear and strong signal.

This is a comment on the article found on page 7.
MORE ON AFRICAN/ASIAN DX

Member Jurgen Trochimczyk presently residing in Koln, W. Germany has attempted to answer some of the questions posed in the recent Pete Taylor article on DXing Asia/Africa. These answers come after consulting many volumes and two phone sessions with WM6QRC president Wilhelm Herbst.

1) APLAOUE, BENIN
Right at the border to Togo in district Mono, between Mono and Kouflo River (but closer to Mono River); it is south of Abomey and north of Cotonou (closer to Abomey). Source (a)

2) ATO, LEBANON
35° 56' E - 34° 18' N Source (b)

3) ANCHIT or AMSHIT, LEBANON
Suburb of Beyrouth. 35° 38' E - 34° 08' N Source (c)

4) EZYON, ISRAEL
39° 39' N - 39° 07' E. Also got a NDB on 273 KHz (call letters EZN) 24 nautical miles of Ben Gurion Airport. Source (d).

5) HAMAT also HAMAN or HAMAH
West of Lake Genezeret, just south of Tabarie (Tiberias). Source (e)

6) MUNINGA or MUTINGA, BURUNDI
In Province of Musanze (it called District) Muyinga; approximately 30° 55' E - 3° S. Source (a)

7) ORAPA, BOTSWANA
21° 16' S - 25° 19' E. Also got a NDB on 289 KHz (call letters OR). Source (d)

8) PT., RUAD, EGYPT
32° 20' E - 31° 05' N. Source (b)

9) SARAKES or SARAKES, SYRIA
Suburb of Aleppo. 36° 49' E - 35° 50' N. Source (b)

10) TELZNOUS or TELZNOUB, LEBANON
35° 46' E - 33° 39' N. Source (b)

SOURCES:

a) "Weltreise", 15 volumes, Novaria-Verlag, Muenchen 1974
b) EBU list #32 (frequency list) 1979
c) WRETH 1979
d) FCC Flight Information Publication (Enroute)
e) Andrees' Handatlas 4th edition, (although it says handy it weighs at least 10 pounds).

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IRCA LOUISVILLE CONVENTION

If you can’t make it to Los Angeles on Labor Day (or even if you can), then by all means attend the 1980 IRCA Convention in Louisville. The IRCA Convention, to be held August 15-17, will give you another opportunity to meet others of your species, to talk DX, and to generally have a good time. Louisville has a number of sights worth seeing, such as the famous Churchill Downs, where the Kentucky Derby has been run annually for over a century. A number of radio stations will throw their voice of Kentuckiana, including WHAS, the 50,000 watt voice of Kentucky. Several other radio stations are near the convention hotel, the new Louisville Hyatt Regency. Room rates are guaranteed at $30 single, $36 double, and $40 triple. The Hyatt has tennis courts and an outdoor rooftop pool, which with special arrangements already made with the management will be open 24 hours NSF for the convention! Also, just down the street are the studios of WEKJ-1080 and not more than another block are WHAS, WINN, and WAKY-WKED, so we’ll be taking a radio station watching tour Friday afternoon if enough are interested.

On Saturday, we’ll form a caravan and head east of Louisville 30 miles to Shelbyville, Kentucky. There we’ll tour (arrangements still pending) the KOED-906 and then have time for lunch at the Colonel’s Lady, a lady operated by Col. Sanders himself, featuring special food that’s Kentucky eating through and through. After lunch we’ll drive to Cherokee Park, where the annual IRCA softball game will be held in the shadow of the WHAS-AM tower (it’s right across the street!)

After that, it will be back to the hotel for a swim before the banquet at the Hyatt followed by the business meeting and the auction. Sunday, the time is yours for visiting some of the downtown sites, such as the Belvedere, Louisville’s unique riverside park, and the Louisville Museum of Natural History and Science.

If you have the time, we have a fun-filled weekend planned. Details are still being planned so watch for further announcements. In the meantime, make your reservations for the fun by sending the reservation blank to Ted Fleischaker, 3023 Tremont Drive, Louisville, Kentucky 40205. If you want to call (prepaid) for information, dial (502) 451-5558 after 8 p.m.

IRCA-1980 Louisville Hyatt Regency August 15-17 Registration

Name:
Address:
Phone:

I would like the following hotel accommodations:

Single room ($30 per night)
Double room ($36 per night)
Triple room ($40 per night)

I request the following room rate(s) for multiple rooms:

I will arrive in Louisville via (airline & flight number, bus arrival time, car, etc.)

I do to not want to tour Louisville radio stations Friday.

I will be able to drive Saturday on the tours and to the softball game.

FCC finally grants WITS signal increase

The Boston Red Sox organization is not yet fully satisfied. But the Federal Communications Commission approved yesterday to allow radio station WITS - carriers of Boston Red Sox games - to increase its broadcast power is at least a step toward that satisfaction.

The boost to 50,000 watts - which the station filed for 21 years ago and doubles it during the daytime. Mariner Communications (WITS) president and owner L. Joseph Scallan said that level will equal anything else in the Boston market.

I certainly have not been satisfied with the WITS signal," said Buddy LeRoy, executive vice president of the Red Sox. "I haven't. If we had our signal fixed, we would have to be able to drive Saturday on the tours and to the softball game.

The report, a survey of a local radio station by the FCC, is expected to be completed this fall and will determine the number of homes the new signal reaches in the Boston area. The Red Sox management will have to be satisfied with that number before granting an extension of that contract.

Seven local radio stations, according to LeRoy, contacted Red Sox management about negotiating for broadcast rights when it was rumored that WITS, which has a contract running through 1982, was in danger of defaulting on the agreement if it had failed to improve its signal by that time. That was the decision WITS had agreed to upon entering into its contractual relationship with the team.

"I told everyone then," LeRoy said, "if in fairness we would continue bids on the current WITS contract expired and not until then. We still intend to listen to all offers, from everyone, including WITS, at that time."
CONTESTS

Ray Arruda wins back to back with his respectable effort in Contest 6. Congratulations once again, Ray, keep it up. Robert Kramer: The Contest was U.S. stations only, and you had 14 Canadian stations included in your entry, plus one of your entries was highly questionable. You also didn't include any program content for your entries. Because of these reasons, I am forced to disqualified you in Contest 6. I'm sorry, Robert, but you did not meet the requirements of the Contest: Anyway, thanks to all the others who participated.

Well, with the conclusion of Contest 6, here's how the race for the Grand Prize shapes up among our top three contenders:

1. Ray Arruda  43
2. Rick Carr  36
3. Robert Kramer  34

Well, we are ready to unveil the last Contest of the season and this Contest will be restricted to the top three contenders, Ray Arruda, Rick Carr and Robert Kramer. These are the only contestants allowed to participate. This Contest will determine the Grand Prize winner of the Contest season. Here's the Contest:

CONTEST #7: ONLY STATIONS WITH PRE-SUNRISE AUTHORIZATION COUNT (according to NRC Domestic Log and its updates)

This doesn't mean you have to log the station while it's on its PSA power, all it means is that stations that are authorized to operate with a PSA power are the only ones eligible to be counted as entries in this Contest. Winner will be determined by who can log the most stations under this condition. List your entry in any fashion you wish but you must include the following data: date, time, station, frequency, location, and some program content.

DATE: Any one day of your choosing.
TIME: On the day of your choice you may choose any 4(four) hour time period at any time during the day. As before, please positively identify all your entries. I will look them over very closely. I would kindly request that the three finalists please enclose your telephone numbers with your entry in case I have any questions concerning your entry. I wish each of you the best of luck and may the best win.

DEADLINE FOR ENTRIES: July 1, 1980
PRIZE: If you win you get 20 Grand Prize points, 2nd place earns you 10, and 3rd gets you 5 points.

Who will be the champ of the "9-10 W.R.C. Contest Program? Place your bets everyone, it'll be a close race. See you one more time in the 6/30 bulletin. Take care until then.

John Kronka
F.O. Box 485
Mentville, New Jersey 07045

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Ray Arruda  49
Bob Curtis  40
Rick Carr  38
Annice Luthek  35
Sharon Weiberman  32
Frank Wheeler  31
Ray Barno  26

Ray Arruda

---

Ray Arruda is back with his respectable effort in Contest 6. Congratulations once again, Ray, keep it up. Robert Kramer: The Contest was U.S. stations only, and you had 14 Canadian stations included in your entry, plus one of your entries was highly questionable. You also didn't include any program content for your entries. Because of these reasons, I am forced to disqualified you in Contest 6. I'm sorry, Robert, but you did not meet the requirements of the Contest: Anyway, thanks to all the others who participated.

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Who will be the champ of the "9-10 W.R.C. Contest Program? Place your bets everyone, it'll be a close race. See you one more time in the 6/30 bulletin. Take care until then.
The 1980 National Radio Club Convention will be held over Labor Day weekend (August 28, 29, 30, 31 and Sept. 1) at the Hacienda Hotel near Los Angeles Airport. The hotel is approximately 5 miles from the airport, which is close enough to have courtesy limousine service but far enough to have affordable rates. In addition to the usual hotel offerings, the hotel is located 5 miles from the ocean.

This is the first West Coast convention in nearly a decade and the Los Angeles location is within easy driving and flying distance of the 10 western states. Here you'll have an opportunity to meet a good number of Eastern DXers. East coasters will have a chance to meet the top DXers on the West Coast and to take a really great vacation. The last West Coast convention was a success and because the club has grown tremendously since then, we expect to have an even greater turn out.

**HOW TO GET THERE**

**By Air:** Los Angeles International Airport is served by virtually every large carrier, including Pan Am, TWA, Western, Delta, Northwest Orient, and United. Call the hotel from the airport for courtesy limousine at 322-1212.

**By Car:** The hotel is located to the west of the San Diego (I-405) freeway. Take the Imperial Highway exit towards the west to Sepulveda Blvd. and turn left. In about 3 blocks, the hotel will be on the right side. There is a large parking lot just before the motel free guest parking.

**CONVENTION ACTIVITIES**

We have a great number of activities planned for the convention. In addition to the usual station tours, we have some unusual ones planned such as tours of Beverly Hills, the movie star city, and the Collins mechanical filter plant. While LA is not lacking in places to tour, many are available only on weekdays. This is why the convention is starting on Thursday, so come early!

The Banquet will be held at the hotel on Saturday night at 6 p.m. and will be followed by the annual business meeting.

Of course, the yearly rip-roaring auction will be held at the hotel after the business meeting, so send all your auction items to John Clements.

On Sunday will be the technical sessions. Grant Manning will host a session on loop antennas and Randy Seaver will speak on propagation.

Your hosts this year are Greg Hardison (213) 993-0716 and H. John Clements (213) 892-4075 (after 10-11 p.m. on weekdays). We are looking forward to showing you one of the best conventions ever.

**BE THERE – JOIN US FOR A GREAT TIME**

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**NRC CONVENTION REGISTRATION**

MAIL TO: H. John Clements, 9010 Tobias, #258, Panorama City, CA 91402

Please complete all items and mail as soon as possible as it will make things easier for the Convention Committee if we have an indication of the number of persons you expect.

**Name**

**Address**

**City**

**State/Province**

**ZIP/Postal Code**

**The registration fee is $25 which includes the banquet. The fee may be paid in advance or at the door.**

**ACCOMMODATIONS DESIRED**

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None (I will not be staying at the hotel)

1-person - $32/night-main building, $27/night in new South Tower

2-persons - $36/night-main building, $41/night in new South Tower.

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**I will be arriving on (date/time)_________

I will be departing on (date/time)_________

**Mode of transportation**

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It is extremely important that you reserve motel rooms as soon as possible because the airport area is very busy, especially around holidays. The room rates we have are 40% less than those of other nearby hotels, so register early. It is best to reserve rooms directly with the hotel through their toll free numbers,

(800) 451-5900, in California call (800) 262-1314.

When making reservations you must mention NRC to get the special rates.