



# DX News



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NATIONAL RADIO CLUB  
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"The last issue of Volume 37 should be used as our sample bulletin to prospective members. It was one of the finest issues in Volume 37 and was quite indicative of the excellence of the NRC..." (Larry Ballard)



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## MORE NEW MEMBERS...

- \*Gary Yates, 3502 Madison Ave., Ogden, Utah 84403
- \*Jeff Curtis, 2717 104th St., Toledo, Ohio 43611
- \*Robert A. Demarco, 25 N. Emerson St., Wakefield, Mass.
- \*Darryl Belanger, P.O. Box 495, Swan River, Manitoba
- \*Wm. G. Jaszczak, 12 Walnut St., Natrona, Pa. 15065
- \*Daniel Romanchik, 24249 Beierman, Warren, Mich. 48091
- \*Roger Sabo, 36 Bryant St., Bridgeport, Conn. 06605
- \*James R. Lersch, 1123 Lake Avenue, Wilmette, Ill. 60091



Welcome to the NRC, gentlemen, we hope to be reading your contributions often here in the pages of DX NEWS. Your New Member Kits are now in the mail and you should be receiving them shortly.

## RENEWALS...

Lamott... Dilbeck... Karchevski... Pietsch... Sherman... Sullivan...  
Objio... Roth... Rugg... Merrill... Eaves... Ballard... Nissen...  
Fischer (Bob)...

## SCHEDULE FOR DX NEWS...

We now resume weekly publication; we will skip 11/28 for Thanksgiving and 12/26 for Christmas. See individual sections for deadlines.

## UNDERWAY AGAIN FOR ANOTHER SEASON!

We're now on our weekly schedule and expect to be mailing out DX NEWS on a regular basis either Friday night or Saturday afternoon. We're now under our new printing contract which was written to contain a 10% penalty for each day of late delivery; while meant to keep the printer on his toes, it's a reciprocal penalty clause and we have to pay him if we get our copy to him late. **As a consequence we'll not hold the bulletin in the event of section mail delays as we have done in the past so the Editors will be playing it safe on the deadline dates...**

## A REMINDER ON THE LATIN AMERICAN LOG...

Howard Fountain advises in a postcard that he expects to complete the copy for the Log in about 2 or 3 weeks; total size of the Log will come to about 85 pages. As things stand now, the pressrun for the LA Log will be much smaller than for the Domestic Log and in all likelihood it will **ONLY BE AVAILABLE TO THOSE MEMBERS WHO RESERVE ONE NOW!** No need to send any money at this time, just a card indicating that you'll definitely want one when it becomes available. Price will be in the range of \$2.25; binding, page size, etc., will be similar to the Domestic Log. **DROP US A CARD NOW!**

## WE'RE GOING COMPUTERIZED SOON...

As those members who've had a chance (Golden Opportunity?) to help with publication know, our Addressograph machine is on its last legs and has soon got to be replaced. Before we make the considerable investment in a new machine though, we're going to try producing the mailing labels for DX NEWS via computer. We've got at least three members with access to an 1130 IBM machine, two in the local area. Mark Katz expects to be producing computerized "stick on" address labels for HQ within a few issues and we anticipate that this will eventually result in more efficient mailing of DX NEWS.

## WANT TO WRITE AN ARTICLE FOR DX NEWS?

We always need interesting articles for DX NEWS and would like to invite the membership to submit ideas and if possible articles to HQ for DX NEWS. If you've never written before, don't be shy - we're looking for interesting content, not polished prose. We can retype articles here at HQ, or, if you have access to a fairly good typewriter (preferably with a carbon ribbon), we can supply you with make-up sheets and instructions for preparing your copy directly for inclusion in DX NEWS. Even photographs are o.k. now; our new contract permits us to run two pages of half-tones an issue. Don't just save stories for the Convention, write 'em up and pass them along to HQ!

## NRC LOG GOING FAST...

We've now sold 86% of the NRC Log pressrun and they're going fast. Most of the membership has reported receiving their Logs by now but there seem to be some delays in mail delivery in certain areas of the country. **Those who've reported delays in mail delivery have already been contacted by letter;** anyone else who hasn't yet gotten their copy should contact HQ immediately.

\*Gordon P. Nelson

# 1970-1971 NRC DOMESTIC CONTEST

\*Starting at 12:01 AM EST on 10/26/70; ending midnight 4/18/71.  
\*50¢ Entry Fee; open to all NRC members.

\*Object: To log the best point scoring station on each of the 107 spots on the North American standard broadcast band; only stations in U.S., Puerto Rico, U.S. Virgin Islands, and Canada will count. LPRT and AFRS stations will be excluded because of uncertainty in location/power. An Entrant may submit as many items as he pleases for each spot, but only the top scoring station will count. Stewart Drake will be the official contest Scorer.

\*POINTS. Each entrant must indicate his location and equipment when he enters; only one receiving setup can be used for the contest; since there will be a multiplier for equipment there will be no switching equipment. The other scoring factors will be power, distance of the station:

<u>MILEAGE</u>		<u>POWER OF STATION</u>		<u>EQUIPMENT USED</u>
1-100 mi.	1	100 watts	.9	No external antenna;
101-200 mi.	2	250 watts	.8	no mechanical filter..... 5
201-300 mi.	3	500 watts	.7	Longwire; no M.F. .... 4
301-400 mi.	4	1 kw	.6	Longwire with M.F. .... 3
etc....		2-1/2 kw	.5	Loop; no mech. filter.... 2
		5 kw	.4	Loop & mech. filter..... 1
		10 kw	.3	
		25 kw	.2	
		50 kw	.1	

EXAMPLE. Station WWW 1 kw (.6) at 1200 miles (12) on equipment with longwire antenna and a mechanical filter (3)  $.6 \times 12 \times 3 = 21.6$  points.

Power factors will be determined by time when a station has different Day/Night powers (Wesolowski's LSR-LSS Charts will be used). Stations heard on E-C-E-T will be scored on highest power assigned. Mileage will be determined from Center of city to center of city. **NO BONUS POINTS.** On the equipment multiplier note that the receiver itself is not considered, only aids such as loop antennas or mechanical filters.

In submitting your entries you must have the following data: TIME, DATE, CALL, FREQUENCY, and STATION LOCATION. You may do your own scoring but each entry will be checked by the Contest Manager. Send entries to: STEWART DRAKE, 2108 S. Simpson St., Philadelphia, Pa. 19142. Final entries are to be postmarked no later than 3 weeks after the close of the contest.

We feel that this Contest is about the fairest and most equitable to all DX'ers regardless of location and size of receiver. This is strictly an HONOR contest but Big Brother will be watching... Go Get 'Em Tiger!



# DAN MYERS CPC'ER OF THE YEAR!

This year's award for outstanding CPC work went to Toledo's Dan Myers. Dan was on hand at the NYC Convention and was presented his plaque at the banquet. It's always difficult to pick one person from all the fine workers in the CPC, but Dan's efforts were outstanding. Thanks Dan.

## EVERYBODY IMPROVED: THE C.P.C. BOXSCORE

	NRC	IRCA	NNRC	OTHERS
1969	35	24	10	8
1970	40	29	27	16

Every year the co-operation between the various DX clubs in publishing each other's DX Test schedules improves. There has been some discussion concerning possibly combining everything into a common CPC for all clubs which has met with the predictable pro and con. General feelings seem to indicate most members feel combining the CPCs would tend to reduce the number of resulting tests. Mike Northam has come up with what seems to be the most workable solution in dividing up the frequencies between NRC and IRCA CPCs. Basically, the broadcast band will be divided into two equal portions with each club's CPC being asked to concentrate on their portion in writing for CPC requests. This will help to eliminate the tremendous duplication of effort with both clubs contacting the same stations. It certainly will save everybody a lot of postage.

In this issue is a list of frequencies for NRC CPCers. This division of frequencies was made at a combined CPC meeting at the NYC convention in this manner: Frequencies were divided into Clears, Regionals and Locals; and the lists of each division was equally divided, alternating every other frequency. Remember that you need not regard this list as a hard and fast rule. If you get a lead from a verie or station you may visit, take advantage of the opportunity without regard to the station's frequency. This list is only for CPCers writing to stations on a systematic basis. We'll take half, they'll take half and, if the resulting test schedules are published in both DX NEWS and DX MONTHLY as in thr past, we'll have many good tests with a lot less wasted motion for all involved and yet retain seberate CPCs.

DON'T FORGET: WE NEED ALL THE CPC MEMBERS WE CAN GET : : :  
IF YOU WOULD LIKE TO GET A COPY OF THE NRC CPC INFO, JUST WRITE TO ME AND I'LL SEND YOU EVERYTHING. HERE'S YOUR CHANCE TO REALLY DO SOMETHING FOR YOUR CLUB. IF YOU CAN SPARE A FEW HOURS A WEEK, YOU CAN DO A LOT OF CPC WORK. LET'S HEAR FROM YOU NOW. THE NEW DX SEASON IS UPON US, YOU CAN HELP MAKE IT ONE OF THE MOST PRODUCTIVE YET.

## CUT OUT & SAVE!

Below is the list of frequencies which the NRC CPC members are asked to concentrate on.

CLEARs: 540, 650, 670, 690, 710, 730, 750, 770, 800, 820  
840, 860, 880, 900, 990, 1010, 1030, 1050, 1070  
1090, 1110, 1160, 1180, 1200, 1220, 1510, 1530,  
1550, 1570

REGIONALS: 560, 580, 600, 620, 790, 920, 950, 1150, 1260,  
1280, 1300, 1320, 1350, 1370, 1390, 1420, 1440,  
1470, 1590.

BECAUSE OF THE GREAT NUMBER OF STATIONS OPERATING ON THE LOCAL CHANNELS OF 230, 1240, 1340, 1400, 1450 and 1490, THEY WILL ALL BE "FAIR GAME" FOR ALL.

73'S

JERRY STARR  
W.H.O.T. RADIO  
401 NORTH BLAINE  
YOUNGSTOWN, OHIO 44505



Mon. Oct. 12	W I G M	1490	Medford, Wisconsin	1,000	4:00 - 4:30	NRC/IRCA
Mon. Oct. 19	K S W W	1250	Wickenburg, Arizona	500	3:00 - 5:00	I R C A
Mon. Nov. 9	W O D I	1230	Brookneal, Virginia	250	3:00 - 4:00	N R C
Mon. Dec. 21	W I Z S	1450	Henderson, North Car.	250	2:30 - 3:30	N N R C
Mon. Feb. 15	W S T P	1490	Salisbury, North Car.	250	2:30 - 3:00	N N R C
Mon. Apr. 26	W G B G	1400	Greensboro, North Car.	250	2:00 -	N N R C

WIGM-1490. This station will be testing its daytime equipment at this hour, which is 3:00 to 3:30 E.S.T., 3:00 - 3:30 C.D.T., and 2:00 - 2:30, C.S.T. Their test will include cycle tones, band music, with voice and code IDs. WIGM has a reputation for getting out very well! So do try for this TEST. Address reports to Mr. Ray Bahnert, Chief Engineer, WIGM Radio - Box 59 - Medford, Wisconsin - 54451. ~~DO NOT MISS~~

KSWW-1250 This station will have a TEST with up-beat music and some country-western music, and they'll receive phone calls from DXers. They'd prefer taped reports. Send reports to Radio Station KSWW, Box "Y" - Wickenburg, Arizona - 85358. Arranged by GEORGE W. TANNER.

NNRC has a program lined up SEVEN MONTHS hence! We will not list it every week till then - it'll re-appear along about mid-February, perhaps, but put it on your DX Calendar, in casewe default.

#### NEW DEADLINE DAYS TAKE EFFECT!

We can speak only for Musings of the Members, but with our new publication sked, we will have a new close-off day here - THURSDAYS! We would appreciate getting as much as we can in by Wednesdays, however, but important things received on Thursdays here in BROOKLYN can and will make the next DX NEWS.

#### DX NEWS RETURNS TO WEEKLY ISSUES!

And this means we will need your contributions in ALL sections! We have had a paucity of reports in years past as we begin the weekly grind, so please, come to our rescue this year by deluging your editors with copy! Please be kind enough to double space your Musings reports.

#### CONGRATULATIONS

A bit belated, but they go to Carl (Skip) Dabelstein of Omaha, who was married early this Summer. A life of great happiness to you both!

ERNEST R. COOPER - 438 East 21 Street - Brooklyn, New York - 11226

Two veries, both v/PP- WPAW-1540 and WDOC-1310. WDOC also sent a rate chart for WDOC AM & FM in another envelope, but no v/1. DX: Very little success at the early going this season. 9/21- I copied an SS on 880 thinking it to be Peru, only to find it was Nuevo Mundo (TGJ), 1:30-1:52am. Nothing else exciting noted. We've been trying to get enough on WGMF-1500 7:00-7:15pm, and WFIC-1530 7:15-7:30pm each evening this month of September, but only bits here & there on each, and not enough for either, rats. MM 9/28- Unn WITI-1530 on ET/rr @ 1:17, in the clear. I spent about 45 minutes, 1:20-2:01 s/off, trying to log & ID the 1225k SS, but accomplished only the log - not the ID! They talk but little, & s/off quickly & w/no anthem for a cue. Unn WEEEX-1230 atop channel w/ET/rr @ 2:02am. XERH-1500 noted still going @ 2:36am. WMCA-570, local, was silent, w/WKBN in, as per hot advance tip from Brooklynite Dave Copeland. Good scooping, Dave! This also opens up 560 & 580 for me. PM, unn WMIR-1550 doing surprisingly well u/CBE @ 7:57pm, asking for mail. 9/30- Unn WKYR-1550 heard s/off @ 7:45pm u/CBE. Attention, NRC CPCmen! The other clubs are well under way with trying to arrange TESTs. Let's make sure NRC stays out front all season! We need more CPCers! Write to Jerry Starr, WHOT Radio, Longtown, Ohio, 44505. He's our Chairman of CPC! We want to remind NRCers, particularly the new members, please to double space - or, skip a line between lines, when sending in your Musings - please! My eyes!

## Musings of the Members

Ernest R. Cooper  
438 East 21st Brooklyn, N.Y. 11226

ALEX BOWAB - 623 West Fairfax - Apt. 6 - Norfolk, Virginia - 23507

A fine time was had by yours truly at the N.J. Convention, & thanks for same to those who executed it. I regret no repeat performance next year - I'll be back in the Mediterranean at that time on a pleasure cruise (a la USN). Local beat: WCVU-1350 cut out all newscasts & AN show, all new staff is on the way - all having to do with recently changed ownership. New calls WKIX too, I'm told, but no change yet. Format likely to remain rr, despite WGH/WNCR dominance in that field. Meantime, WFMH-1010 CP is on the way - after all these years - according to a voice at the other end of a phone number in local directory. Amber sheets of said publication contain an ad saying "Music from the Good Old Days on Where Pleasant Memories Happen." Such a format will make 'em identical to WCPK-160C & similar to WVEC-1490. A-hunting I went & located XR site ten miles W of Portsmouth - no one home, though. Four towers on E/W straight line. Currently no signal here days on 1000 or 1020; WSID weak on 1010, so pattern, if one lobe E, is not fully understood. Owner can only say at this time (9/15) that Proofs will commence within 30-45 days. I'll try again soon.

JOHN H. SHANNON - 478 East High Street - Kittanning, Pennsylvania - 16201

Hello gang. Long time no Muse, so here we go. DX since last Spring: 4/15- 10:17pm Jamaica-720. 6/29- 1:30am, WEDC-1240 Ill. 6/30- 2:43am WRIC-540 Va. on EF. 7/26- 12:45pm, CBEF-540 Ont. (new daytimer, 10-am-2pm, #231) 8/3- 2:15pm, WKEG-1110 Pa. on for field strength measurements, as yet have not begun RS (9/21). 9/14- 1:02am, XEWK-1190 Mexico s/off. 1:10am, HJAD-1329 Colombia, 1:30 WCAZ-990 Ill. r/c, 2:30 HCDE2-946 Ecuador, 2:52am KPAR-620 Ariz. s/off (Arizona #5). 7:35pm, WDEE-1500 Mich. finally logged for the call change; 7:40pm QMJP-1192 Cuba. I missed logging this one before although it is a regular here. 9:30, CMEN-1041 Cuba. 9/15- 1am, HIJA?-1597 D.R. s/off, I believe this is the correct call rather than HIFA listed in IDX. I am pretty sure I heard the third letter as jota rather than efe. 9/20- 3:30am WAVE-970 Ky. I am the last one to get this, I guess. 9/21- 1:03am, WKSK-1600 N.C. r/c. Latest totals now 1,235/47/8/50. I hope to get the last three states this Winter, & also Asia to complete the continents. My receiving system somewhat improved over last year w/a better audio system plus a second MF. Europe has been fantastic so far this season, being in almost every night since last couple of days of August. Tremendous signals from France-1554 & Portugal-655 especially plus a dozen or so more. I would like to hear from NRCers who are active hams especially on CW, & also anyone interested in daytime DXing. If you fit one or both categories, please write. Best DX, all.

CRAIG KOUKOL - 1232 North Eagle Street - Naperville, Illinois - 60540

Hello from a new member of the NRC. I'm 16, and although I've been at the SWBC, Utility, & ham bands since 1967, I'm a newcomer to the MW DX scene. My rig is a Hallicrafters SX-130 and a longwire & a 4' box loop antenna. I've plans for constructing an Altazimuth loop in the near future. Since April I've been cleaning up the clear channels, more interested in states than in stations. Now I've also been trying for countries, & I'm going to start frequenting those not-so-clear channels, hi. Present verie totals are 22 states, four provinces & three countries. In the foreign scene I have reports out to Belize-834, TWT-1187 & HJCY-810. I hope to add PJC2-855, YSC-1015, YSS-655, & YVOZ-1200 to that list soon. Also KSL KQIA WBAL WOKJ & WPTF, all of which would mean a new state verified. Recent veries from CBF WEZ KFAB TWR WBAP WITC. I have not heard any EAs or TPs yet, I hope for some this season w/the help of DX NEWS. Good DX to all, I'm glad to be a member! I really enjoyed the Musings & all of the other features in my first DX NEWS. 73s. (Welcome to the NRC, Craig! We hope you'll be double-spacing us a Musing regularly! -ERC)

WE AGAIN ASK FOR YOUR SUPPORT OF MUSINGS OF THE MEMBERS. PLEASE REMEMBER OUR LINE LIMIT IS 30, AND PLEASE DOUBLE SPACE. TRY TO STICK TO 60B DX FORMS. -ERC

JERRY K. CONRAD - Box 952 - Haines City, Florida - 33849  
 I guess it is about time I put in another Musing. The Convention was great fun as usual. The N.Y.C. area crew did a bang up job on it. Any one for some flower seed? DX has been quite good here since I got home from New Jersey. I've been graveyard DXing again & logged WMID-1340 MM for my best from Florida to date at 900 miles. I also have WLOK-1340 Memphis and KQVL-1400 Greenville, Tex. From some advance word I've had about contests, I'm going to see how Fla. DXer can place in the Domestic Contest even w/a Cuban handicap. Well, while writing this I just logged & taped WADO-1280 N.Y.C. @ 10:30pm for a very welcome catch. I'm taping everything now & have 163 domestics taped from 29 states in less than a week of working at it. I was very glad to see the NRC states in less than a week of working at it. I was very glad to see the NRC adopt their new policy regarding taped IDs as proof of reception. That's enough for now. More good!

LEE SIDDIS - 557 Gaines Way - Winter Park, Florida - 32789  
 During the Summer I worked on the Trail Crew at Acadia National Park in Maine. DX up there is of course different from here. During the day, WMEK WEL WRKO WGUY WABI WDEA WIEZ WRKD came in quite clearly. But during the night WMEK fades out considerably. Is WMEK directional to E at night? Driving down through Boston on 8/26, I passed the WMEK studios on construction-battered Broadway; on to the W towards Worcester it fades out quickly on car rx. DXing here in Florida has been extremely good. Veries out to: 9/8 WTAR-790 Va. @ 10:30am. WBIE-1080 Ga., WCOV Ala. @ 7:35; WAOK-1380 Ga. @ 8. 9/13- RJR-770 Jamaica @ 2:30am. 9/14- KSL-1160 Utah @ 1:15; WING-1400 O. @ 2:45; XERB-1090 Mexico @ 3:15; WGOV-1150 Tenn. @ 1:53 on 9/15. Others heard were WHYY-1440 Ala., WQMA-1320 Fla. @ 3:15, & WUNI-1410 Ala. @ 3:15 all on 9/12. Also WKAT-1360 Fla. @ 12:30, WFTL-1400 Fla. @ 12:30; KFJZ-1270 Tex. ID @ 1; WDSU-1280 La. @ 1. I heard test of WIOD-610 Fla. 1:15 w/OC. (All 9/8 above). Also KOA-850 Col. w/WX @ 1:10 9/15. Now I've got a new radio, a bit of an improvement, but still an ultra-low budget RX. It's a Realistic Long Range TRF transistor. It's beginning to live up to its name. I agree with Dick Clark that we should leave the 1971 Convention in Miami. Maybe Jerry Conrad, Rick & I can work something out. We'll just put the idea on a flagpole & see if anyone salutes. I'm going to Fla. Tech U. this Fall, which is 20 miles E of Orlando. They have a mini-station, WFTU on 900k w/15w. that just covers the campus. Is it legal? It of course is an educational, non-commercial station. How does a station get a license from the FCC (they'll want to increase power) - how long does it take & would an FM outlet be more practical? Is 900 or 830k a possible frequency? Anyone who can answer these questions would be appreciated. Please write directly to me if possible. By the way, local WARR-1440 noted to s/off everyday @ 1am. Good DXing. V/1 from WCOV-1170 w/CM. Also heard KONO-850 @ 3:30am EDT. Is EDT the same as Eastern Local Time here? (Yep -ERC)

T. D. BUCKLEY Jr. - 2831 Fairhaven Avenue - Apt. 101 - Alexandria, Virginia - 22303  
 Hello from Beautiful Downtown Alexandria! I am a new member of the NRC & I would like to introduce myself. I am 15 & have been DXing since 6/69. My equipment consists of an Aircastle TR-1504 & a GE AM/FM table radio. I don't have any better equipment because my father seems to think DXing is a waste of time. I have heard car radios work well, I might buy one from Lafayette. Best catch to date is ZNS-1540 in Nassau, Bahamas. Latest veries: WKYC-1100, WSM-650 WAGE-1290 WBBC-1440 WDOM-1540 WKBW-1520 WFBR-1300 WTIC-1080 WDEE-1500 WYRE-810 WMBD-1470 WXVA-1550 & WNRJ-1430. I have ordered the NRC Log & Report Forms. I heard about the NRC from John F. Pinckney, NRC member and my DXing pal. Anybody wishing to call, phone is 703-765-3783. NRC is the best! (Thank you for those kind words, T.D., and welcome to the NRC! We hope you'll Muse often! -ERC)

BRUCE WINKELMAN - 1404 Awni Place - Lawrence, Kansas - 66044  
 Greeting's from the friendly slopes of Mt. Oread! The Fall semester here at Kansas U. has begun. I'm enrolled on the School of Pharmacy & have another three years before I graduate. DX has been rather sparse of late due to my class sked. Most DX has come on SSS or early evening. Recent veries: WOKJ WBT (logged in Bethesda, Md.) WMAX KXOK KSO WBAP. Reports out to KISA & WBRF. Most

DX has come on SSS or early evening. Recent veries: WOKJ WBT (logged in Bethesda, Md.) WMAX KXOK KSO WBAP. Reports out to KISA & WBRF. Not much in the way of DX but here's what there is: 9/2- WGSB-1480 Ill. @ 11pm. WTHI-1480 Ind. @ 11:04 coming in w/WGSB. 9/10- WIBV-1280 Ill. @ 11:11pm; WMRC-1280 Ill. @ 11:13. My RX this year at school will be a Sony 4-band portable. It's all right for DX but I miss my A-2515. I don't have room for my A-2515 here at school. I may try to make room for it though, when the DX season gets here in all its glory! Another fella here where I live has an 80' longwire strung on the roof for his SWL RX. I may try to get a tap off of it & bring my A-2515 up here. I've noticed a rather large number of new members have joined in the past few months. How about some of you "old" experienced DXers giving the new members some tips as to the best way to keep a log, best method of reporting, what info should be in the log. I'm sure some of the new ones don't know some of this stuff (me included) & the info would help them to get off on the right foot in this great hobby. What do some of you "older" DXers think of this? A feature in an upcoming DX NEWS would sure be nice about this subject. Well, that just about wraps it up from here. Everybody pray for good DXCK this season. Best of luck to everybody. 73s.

GEORGE KELLEY - 118 White Street - Belmont, Massachusetts - 02179  
 The Convention was quite an experience. I will be going to next year's Convention in S.F., mainly because I have business to attend to in a suburb of San Francisco. I might as well kill two birds with one stone, hi. 8/12- WMS-1110 Neb. heard excellent 3:05 to 3:30am w/MoR, while WBT was off RS & testing. 8/13- WML-1590 Va. testing @ 4:15am w/what sounded like a telephone "busy" signal. 8/14- WHEL-910 Va. ID as "The New WRIL" @ 4:50am. 8/19- WETT-1590 MI. very good @ 3:15am w/up-tempo MoR. WTVR-1380 Va. heard fair w/WX @ 3:34am. This must be the legendary "Midwater Opening" as prophesized by Efram Glotz. 9/1- Unn France-1205 @ 12:35am, return of the TAs (for me anyway) this morning. UnID-917 @ 2:35am. Unn WBAZ-1550 N.Y. w/strange test @ 2:45am. 9/8- EAJ15-1124 Spain logged w/good signal @ 8:50pm. Iberia outlets 665 737 782 noted quite good this evening. I have just finished reading some NRC bulletins from the 1943-47 era, quite interesting. I noted many familiar & currently active DXers in those pages. There was quite a debate going on during the war years about DXers reporting to foreign stations. It was all very mind-blowing to me. Good DX.

AIC EDWARD BRUCE REYNOLDS - Box 3082 HQ FHN - APO - San Francisco, Calif. 96267  
 It's 4:15am & in an attempt to stay awake betwewn NXCasts I'll knock out a Musing. I received DX NEWS #32 yesterday, but no sign of 721 yet. I finally got my HQ-160 about two weeks ago & I've been doing a little listening. I have a small "fish-style" loop that works pretty well. Also, a bit of wire strung out the window. I'm having a problem, however, because of the power over here, which is 50 cycle, 100 volts. My RX isn't nearly as sensitive as it should be, & I'm told this is because of lower plate voltage. I would appreciate help from some of our technically-inclined members on the best solution to this problem. Would an outboard transformer to step up the voltage do the trick? Help! CX are quite promising here except for all the spurious responses from FEB-810. The HNL is unbelievably low considering I'm in the midst of a densely populated area & next door to the radio station. In preliminary listening, most of the catches from outside Japan have been from Korea, China, U.S.S.R. & Okinawa. One Philippine station logged. The split frequency North Koreans are quite potent, as are some of the Soviet stations. More details will follow when I get a little better adjusted to the CX here. I have a tape deck now, so if anyone is interested in hearing some stations from this part of the world I'll be glad to oblige. Just send me some tape. 73s for now, as I'd better start putting together the five o'clock NXC. Good DX to all of you.

JAY MURLEY - 1733 Candlestick - Newport Beach, California  
 Gotta start off saying a few words about my new Datsun. Their super-duper AM/FM RX has the selectivity of those old-time three transistor portables that the Japanese used to make out of the charred hulls of B-29 Superfortresses. Either it gets fixed or my car DXing days are over. Last summer, a three year old

10 domestic car radio was good for six countries on my hour-long commute home from  
 To add to my woes, the old WC-125 needs another fountain-of-youth ment. I've used it too long to consider trading it in on a "communications RX." So having ten thumbs myself, I've to secure more professional services (i.e., someone who knows how to turn a screwdriver). And this all leads to my dismal score for season opening DX. Decent catches: 0. Early TP openings, probably couldn't have heard them if they were there. 73s.

NO NAME OR ADDRESS. (Bruce Winkelman - GPN)  
 I figure it - about time to let you all know I'm still around. (We were wondering - ERC. In fact, we still are! -ERC) I'm spending this Summer at the National Institute of Health in Bethesda, Md. as a Normal Volunteer Patient. The doctors run all sorts of studies on my supposedly healthy body. I've been on an exercise study & a sweat study so far. Who knows what's next? I was planning on doing all sorts of DX during my three months stay here in the E, but so far not much has materialized. I purchased a new RX while here, a Sony TFM-1000WA portable w/four bands & 13 transistors. From all indications, it's a mean little machine when it comes to DX. The hospital where I'm staying is the absolute worst for DX of any kind. The only real DX chances come outside the building, & those are few & far between. Some DX came in on 5/3 in McPherson on my dial. KARK-920 @ 12:59 s/off; an unID SS @ 910 @ 1am; XEW-900 @ 1:02am; WGBS-880 @ 1:05 s/off w/SSB, along with an assortment of unID SS all over the low end of the dial. First real DX in Bethesda came on 7/19 & not much of that. KQV-1410 @ 11:34pm; what sounded like WKBH-1410 in the mess @ 11:57pm, any help on those call letters? WSAV-1370 @ 11:59pm real solid w/NX. I am sure looking forward to using the new NRC Domestic Log. It's worth every bit of the price we I ordered mine early to be delivered to me here at NIH. I hope it gets here before I head home on 8/20. Frv veries in because of few reports sent out. KRVN silent a CM & a glossy photo of their XR installation. WRC WBMV & WMAL, local news items here added to my meager collection. I gave a report off to WBT-1110. This is a much-wanted verie because KFAB completely covers 1110 at home w/its 50kw. That about wraps it up from me now. I'll be back in next issue of DX NEWS, I hope. 73s to all.

STEVE KAMP - 6149 Monteverde - San Jose, California - 95120  
 DX NEWS #32 arrived 9/10. I wish NRC would put a bulletin sked out like IRCA so I could know what the deadlines for the various sections are. What is the bulletin sked for upcoming issues of DX NEWS anyway? (Weekly snatch -ERC) Correction to logging of KWTC-1230 in 9/5 Musing: It should have been 7/27, 5:30 am w/c/w, not "s/off w/c/w". Also, KSLY doesn't seem to have a regular SM SP as was said in the "AN Situation" last issue. They were off SM 8/16, but this isn't regular. Also heard when KSLY-1400 was off SM 8/16 was a tentative reception of KTRC in Santa Fe. Verie was received. Graveyard DX in evenings PST/PDT is interesting. Best is 1340. No one station really dominates it in the evenings. Only stations reported for evening reception have been KMOJ Mojave & KAPA Arcata. Other stations are there but can't get a decent log on them. After midnight, only stations heard are KIST Santa Barbara & KRAM Las Vegas. KENT Prescott, Ariz. knocks everything out w/their r/c which seems to be bi-monthly (odd months only) now. 1230 is the second best graveyard evenings, but it is dominated by KRDC in Redding. After midnight, two dominant stations are KCEE Bakersfield & KWTC in Barstow. Veries since last Muse: KUPD-1060 KAPT-1220 CRGP-1050 KTRC-1400 KTHO-590 OMCN-719 KCRL-780 Reno KBAP-980 KTOB-1490 KNNI-1490 KPQP-1110 KNNH-1470 KBOY-730 KJR-950 KRAM-1340 KPIS-1150 KAGI-930 KAFY-550 KGER-1390. These were v/1s. V/qs: KABC-790 KOL-1300 WSMB-1350 WHAM KDKA KTRAR-620 KMPC-710 KCRA-1320 KPRE-940 WOKI-1550 KRUX-1360 KYXI-1520 KGBS-1020 KFQD-730 WBZ KMWX-1460 KNX-1070. These v/1s: CUJC-850 KEED-1450 KENN-1390 CHQR-810 KXLF-1370. These v/cs: KVIP-540 KOMY-1340 ZBVI-780 KLAN-1320. These v/rs: KOZE-1300 & KVLE-1250. They scrawled "We will be on 960 soon" across report form. They also sent rate card. I will count as a verie anyway, ho. According to Broadcasting Information in IRCA 9/5 KVLE will switch to 920, not 960. Any more info on this? (None here - ERC) I would like to say more about 1340 here. We've got a semi-local KOMY in Watsonville & they bomb in

during the day. But after ISS in San Jose, they don't make it at all. They're on after ISS according to San Jose paper, but you don't hear them. KCRL-780 will be on RD in October according to verie. ETing a lot lately.

FRED HORDQUIST - 302 Sandra Lane - North Syracuse, New York - 13212  
 Finally there is some DXto report after a long absence from these pages. Totals now are 448 logged, 38 states, eight provinces, & 19 countries as of 9/11. The new NRC Domestic Log is excellent! Here's DX since 4/9 Musing: 4/20- WAMI-1580 Miss. 7:19pm. 8/23- CKEC-1320 N.S. good signal w/rr @ 10:24pm WJIN-1240 N.Y. SID @ 11:01pm, KFAB-1110 Neb. um nut o/WBT w/unusually good signal @ 11:30pm. 9/2- WRNL-910 Va. w/NX 12:02am, WJCW-910 Tenn. s/off 12:07, WFDF-910 Mich. VZ @ 12:10, XEG-1050 o/WBN/CHUM 12:17, KGLC-910 OK, umn 12:40am. 9/3- WCPA-900 Pa. w/PSad 7:18pm. 9/4- CFCF-600 Que. sports 12:30am. 9/6- CBEF-540 Ont. // CIBE 3:17pm, WTAC-600 Mich. rr 9:15pm, CQML-610 Que. FFC 9:32pm, WLBZ-620 Me. w/local WHEW partially nulled, 10pm. 9/11- WZZB-1250 Mass. u/WNDR null w/WX @ 9:59pm, WTRB-1250 N.H. SID 9:3p3pm. That's it for now - I hope all have a productive DX season. 73.

STEVE FEINSTEIN - 30 Moulton Park Road - Framingham, Massachusetts - 01701  
 I see what you mean about signals coming from the S during Auroral geomagnetic disturbances. I easily received ZNS-1540 Nassau on MM along w/ WJF-600 Bonaire & its 500kw XR in SS. PJB broadcasts in EE, I found out, with EE to rems from 7-8:30am on TWR & R. Netherland from 6-7pm EDT. I also received XEIRA-500 & PRBQ-1200. Both are in SS & now I have a vocabulary sheet for EE/SS so I'll try to CSL them. In my native tongue, WBAP-820 Fort Worth doing U. of Texas (Arlington) FB. More FB: WLAS-840 Louisville, u/ of Alabama & U. of Kentucky; BL-1400 Brigham Young; WBEZ-1030 Boston College & Mutual Net will still do Notre Finally, I've been trying to convince local station WKOX-1190, kw) to do a FX TEST. I think 1190 is a clear channel on MM. Perhaps in December good TEST could be arranged. So far they will not buy a one-man crew, so could some of you write letters, to PD Dick Stephens, c/o WKOX Radio - Mount Wayte venue - Framingham, Mass. 01701.

AVID COPPLAND - 660 East 82 Street - Brooklyn, New York - 11236  
 Hello everybody. Both of my old loops have broken down so until can build the FET Loop I'm using a longwire. When "Cousin Bruce's" station, the N.Y. local that everyone praised at the Convention) uses their NCR, it's best. You don't have to tune your dial because you usually get only the station. On WIRE wouldn't be able to come through. On MM 9/14, CTRN WJCR CTRN WJCR-1554 EY u/Castro's 500 (They were playing songs from Can-Can & I Love Paris); CPOX OK GJNS/CKCV (both running mx & talk in FB) & tentative YHR. The Convention was best. I really enjoyed the outing & the SW DXing I did with Richard WOOD. At last we heard Cairo, & that WBAT-FM show, (the to listen to while watching the MD lethony). My totals are about 357/315; 36/33, 7/5 countries. Recent veries in on WJCR (9/10); WJCR WJCR WJCR WJCR (1/22) WJCR WJCR WJCR. By the way, the WJCR or was very enjoyable. That DJ was amazing as was ERC & Jerry Starr being interviewed. There's a rumor that WRCL has hired ERC to hum the Mount Ivy song for air s/off. Any truth? Can anyone help me figure this out: On 7/24 on 1270, I had an ID for WKYR, Cumberland, Mi. & on 9/12 the same. Is WJCR using their old? (WJCR is in Birmingham on 690 -ERC)

ARWY C. BALLARD - Box 367 - West Columbia, South Carolina - 29169  
 Sorry I missed the gang at the Convention, but like I told ass, it could not be avoided. Mother Nature obviously didn't know I had plans for Labor Day, hi. Your injections into individual Musings continue! They add that special something that other DX bulletins are missing. Good verie catching! Thank you Larry - I wish I could think of something clever to say, hi -ERC)

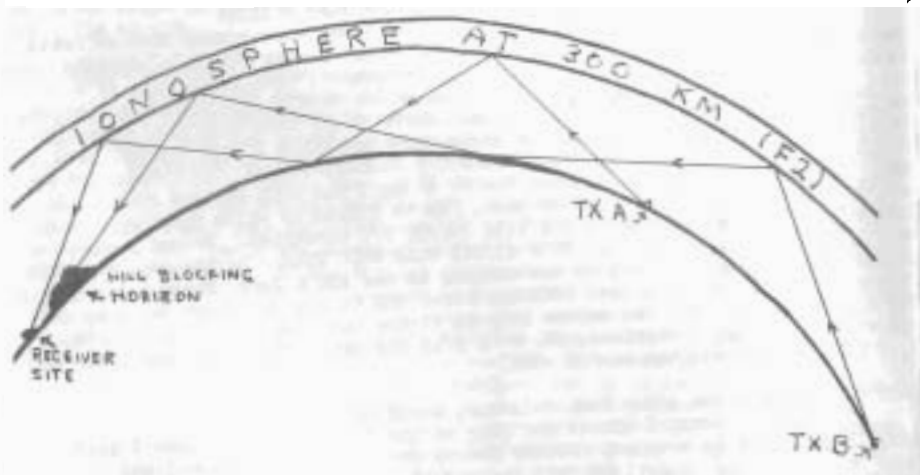
MEMBER WE NOW GO BACK TO OUR REGULAR WEEKLY ISSUES. THIS YEAR, THE DEADLINE FOR IN BROOKLYN FOR MUSINGS WILL BE THURSDAYS! PLEASE REMEMBER TO DOUBLE SPACE AND DO NOT INCLUDE VERIE SIGNERS' NAMES IN MUSINGS - THEY'LL BE OMITTED! 30 LINES!



# 12 POST MORTEM ON RINGWOOD-70

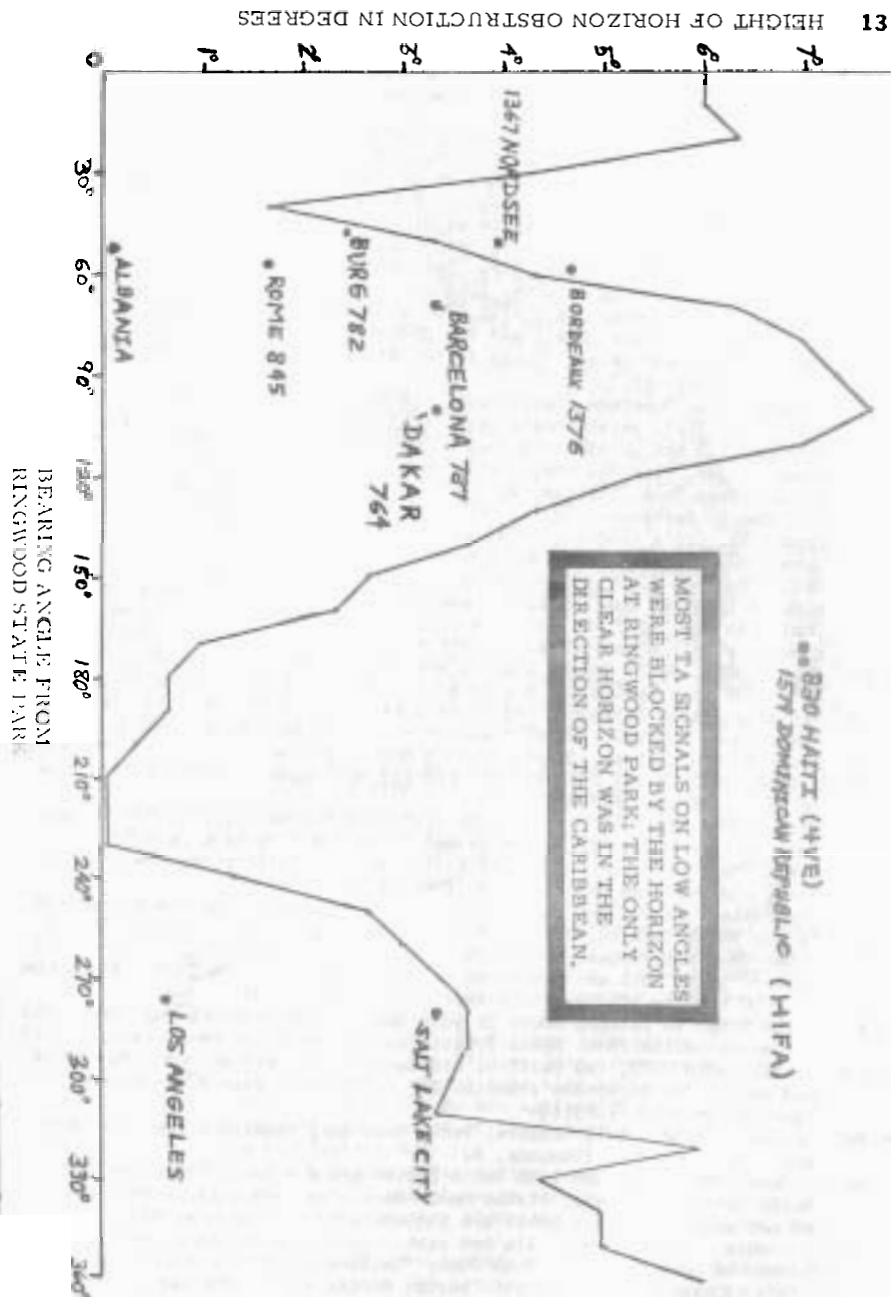
During the technical session at the convention, I listened to Tom Holmes discuss a future article about the effects of horizon blockage on reception. It seems that distant signals arrive at low angles to the horizon, and if there is a mountain in the way the signal will be blocked. **The conditions** at the DXpedition and the impressive array of equipment and experts led me to anticipate some good catches. A midnight foray for food during which I found nothing but my way back (my passenger got out and kissed the ground), clued me in. I saw several signs labeled "Steep Mountain Road" and did a lot of driving up or down a hill. Since then I have had the help of Tom Holmes in plotting the angle of obstruction and Gordon Nelson in plotting the highest angle of arrival of a signal for one or two hops.

All the signals plotted on the next page, with the possible exception of Radio Nordsee,\* should have been and were expected to have been heard during the DXpedition. **The TA's are all two hop F2 angles and the LA's and domestics are one hop F2 angles.** The only good foreign DX hrd: Haiti on 830; Dominican Republic on 1579; possible carrier from Rome (no audio)\*\* on 845. All signals below the line were blocked, and all those above the line were clear. Reception of Rome can be explained by greater than 2 hop F2 propagation. In the diagram below Transmitter A will be heard, while Transmitter B will not, because of the obstruction. A will come in at a high angle, while B will come in at a low angle.



\* Nordsee may not have gone NSP on that night.

\*\* Glenn Jacobs reports a second station on 845 kHz, probably an LA. (L.A.)





## IDXD Monitor Reports

Members' Loggings  
 Bob Foxworth, GPO Box 2111  
 New York, N.Y. 10001

- 540 Venezuela. Radio Parija, Machiques, continuous instrumental mx. ID'd on 7/21 during a blackout in Santo Domingo caused by lightning hitting the electric power lines. Stn hrd on battery-operated xstr set. (Objio)
- 560 Guyana. Republic Radio, Georgetown. Pop local mx on 7/21, news on at 0145 after time pips, ID'd again at 0150. It is strange to hear them give times as "15 minutes to 10" at 0140. (Objio, Dom. Rep.)
- \*\* 720 Dominican Rep. Radio Norte, HIAQ, Santiago, now on this freq, ex-739, as of 7/23. Hrd IDing at 0005. (Objio)
- 750 Alaska. KFQD Anchorage fair with HJDK nulled MM 8/11. Had Hour of Decision until 0730, then "Music and the Spoken Word" and later had "F2D Weekend News" and later, "Songs in the Night" (Kamp, Cal.) (have omitted times of items -ed.)
- 760 Guyana. Radio Demerara, Georgetown, the Voice of Guyana with nx and ads until 2345 7/23, rarely heard here. (Objio)
- 770 Jamaica. RJR hrd w/ABC from 0815 - 0900 9/14 w/pgm in Eng., rock mx and woman deeJay. (Lee Siddons, Winter Park, Fla.) (Welcome to IDXD, Lee-ed)
- 780 B.V.I. Road Town, Tortola. At last I hrd this stn IDing as "RVI" at 0110 7/23 due to Barbados' move to 900 kHz. Ads for an electronics parts store from a St. Croix concern; local mx. Country 56 hrd. (Objio)
- 810 Cuba. CMJE Camaguey noted as dominant stn during 30Y SP 08-07/24. Hrd Radio Progreso ID // others but hrd local, provincial nx items a few minutes later so must originate some local pgms? (Taylor, NJ)
- 830 Dominican Rep. HJJB has become a regular here under any reasonable ex, generally well atop WCCC after WNYC s/off, often 20 over s-9. (RJE)
- 880 Peru. OBZ4N, Radio Union, Lima in most of the AM MM 8/24 but log taken 0920-0934 when abated the static a bit. Has LA mx, ment. Peru. (Kamp, Ca)
- \*\* 900 Barbados. Radio Barbados, hrd on this new freq on 7/21 IDing at 0010 as "Radio Nine Hundred", short news pgm and local marimba mx. (Objio, D.R.)
- 947 Ecuador. Radio Ifesa, Guayaquil, hrd here w/pop mx, ID 0426 7/20. (Objio)
- 959.8 Cuba. CMHB Sancti Spiritus hrd w/Reloj Nac. pgms, getting 3:0 at 0:04 on 8/18. (Edmunds RJE, NJ)
- 985 Peru. OBX4J Lima hrd very well on 7/26, hrd 880 as well, 0538-0553 was solid with s-4 signal; format seemed to be non-stop mx a la WCBS, frequent "Radio Expreso, Lima" brief IDs. Most reliable reception of Peru here, and Peruvian No. 5 logged. (Taylor, NJ)
- \*\*1000 Venezuela. La Voz del Táchira, YVOB, San Cristóbal, changed slogan and is now Radio Táchira, ID'd at 0326 7/29 with pop Venezuelan mx. (Objio)
- 1010 Cuba. CM-- noted equal to semilocal WTNS on 6/27 but the rub is, they were // 1019, both are listed as different networks. CMAS-1019 s/off time is 0600 but the 1010 outlet remained on. (Taylor, NJ)
- 1025 Costa Rica. To Richard Wood: In your Radio Fides verification (7/4 IDXD) the abbreviation Fbro. means Presbítero (Priest), not prebendero. (Objio)
- 1035 Haiti. Radio 4VER, Cap Haitien, hrd again on the air at 0207 7/24 IDing, and asking for reception reports. Fmg. s/off with chimes, no antaem, carrier cut 0208. (Objio)
- \*\*1041 Colombia. HJAI, Radio Tropical is up here now, causing a real nice het. Hrd 0335-0400 8/11. (Edmunds, NJ)
- 1041.2 Cuba. CMKW, Santiago with Radio Caribe net and local ID resembling Radio Laesté rather than listed Radio Mambi. Bad het against 1040 but no het audible against 1041. Hrd 0335-0400 8/11. (Edmunds, NJ)
- 1070 Colombia. HJAH Barranquilla hrd with very impressive and pompous s/off litany on 6/27, again 8/17 at 0500; "Emisora Atlantico" mentioned at least 10 times in a two minute period during s/off. (Taylor, NJ)
- 1088 Most likely Nigeria here on 8/24 with carrier on at 0425, audio by unID. Some wierd flute-type mx taped from 0422 to 0435 but 2RM
- from the BJ on 1090 was too much. Signal was also present on 1358 at the same time, with same fade characteristics and same fade-out time.
- 1088 Albania. Tirana logged 0305 8/15 in Italian, first time ever noted on such an early date in August. Signal peaked 10 over 9. (Both 1088 Taylor)
- 1090 Mexico. CERB hrd 9/14 from 0915 to 0930 with Negro and religious gospel pgm, then Wolfman Jack at 0930, also had KAAV GRM. (Siddons, Fla.)
- 1114 Colombia. HJFH, Radio del Comercio, Bucaramanga is now being hrd with fair but consistent sigs; last logging 8/18 at 0350 with clear ID; het indicates presence of another LA on 1115, perhaps a TI. (Taylor, NJ)
- 1115 Int. Waters. Cavital Radio noted around 2300 - 2400, running 10 kw and is off the Dutch coast. (Ericson, Sweden) See info on skeds and ownership in GPN's section. This shipboard stn is using an antenna designed to reduce skywave radiation; may be weaker than expected thus. (ed.)
- \*\* 1120 Colombia. Radio Cartago, HJJC Cartago hrd IDing here 0435 8/3; this is a move from 1130. (Objio, D.R.) (Note below. Ed.)
- \*\* 1130 Colombia. Radio Cartago, Cartago welcomed on 8/23 0545-0600 o/u WCAR due to WNEW SP. Frequent Todelar promos, but only local ID at 0600. Was not hrd after 0600; could be change in AN status? HJ #51. (Taylor, NJ)
- 1204 Costa Rica. TIC Puerto Limon noted s/off 0600 with, of all things, Columbia, the Gem of the Ocean. S/off is in broken Eng. Think this is 1 hour later than usual. (Taylor, NJ) (They got the theme from a tape that fell to the ground from the Comuel DC-3 supply plane as it circled the Puerto Limon WORTAC, carrying a matched pair of 350-foot towers to the latest cland site, hi. How else could you explain it? -ed.)
- 1205 Sierra Leone. Freetown hrd with consistently good signals, taped IS at 0555-0600 8/12. Would be glad to notate the nine-note IS used by Freetown on a piece of staff paper as I have seen this IS reported in many varying ways and musical notation would at least clarify the confusion. This same tune is used occasionally in two-part harmony, but is most frequently is played in unison on a celeste, I believe. (Taylor, NJ) (Page teaches music, so knows whereof he speaks, hi. I might note that since we are offset, we can reproduce directly, here in the section, things such as musical notation. In the meantime, a SASE to Page will get the IS, if desired. -ed.)
- 1225 Costa Rica. TISM, Radio Victoria finally ID'd as AN pest here. Format similar to TIOS-825 and TIRS-975 with a one-word voice over ID. Only thing, on this one, it might be called a "voice-under" as it's so weak. Many soft indigenous vocals 0415 8/06. (Edmunds, NJ)
- 1240 Venezuela. Radio Caripito, YVSF, Caripito, hrd for the first time on 8/12 IDing at 0220 with pgm "Musica de Venezuela" and this is the first foreign stn hrd here; freq is always covered by a R. Tv. Dominicana harmonic. (Objio, D.R.) (The "Hasbrouck Heights of the West Indies"??-ed)
- 1266 unID. Similar situation to 1538: s/on 0600 7/31 and 8/1 only; audio may have been possibly drums beating and chanting, faded by 0220. (Taylor, NJ)
- \* 1290 Venezuela. Radio Canaima, new station on the air, hrd for the first time on 8/5 IDing at 0220, supposed to be located on San Felix as most ads were for concerns in that city. No further info given. (Objio, DR)
- 1295 England. BBC Euro Svce hrd well 8/18 at 0345, routine reception. But-- another TA noted underneath at the same time which is far from being routine; seemed to cause a 100 Hz het against BBC. This reception was noted during the best TA opening of the summer and prevalence of East European signals. (Taylor, NJ)
- 1300 Puerto Rico. WTIL Mayaguez noted during some kind of proton flare or geomagnetic event on 8/17 all alone on the channel, MoR mx to 0700 with a bilingual ID, "Senors, you are listening to WTIL, Mayaguez, Puerto Rico." (Taylor, NJ)
- 1331 Italy. RAI Rome 8/17 0405 s/on during good TA opening, dominant over NYC semilocal on 1330 altho bad het present causing rough audio. Noted several times since and has been best consistently during the equinoctial months, for some reason. (Taylor, NJ)



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- 1407 Colombia. "El Millonero" heard on 7/11 at 0100. Is Radio Libertad, RFA, apartment 1000, Barranquilla. (Objio)
- \*\* 1408 Haiti. Radio Rebelde, no identification with French ex. 2 at 0100 on 7/11. Last information I have is that this station is in operation on 1500 and is sent in "REVUE" on that freq. (Objio, L.A.)
- 1409 Colombia. on c/1 at 0000, thought I had an ID for "Radio Libertad" (listed 200); worse yet, in complete disagreement with all known definite "Radio Carina Nacional, R-C-N" programs and, which isn't even the right affiliation. (Taylor, NJ) (Doubt it is R-C-N, can't see them giving up their attractive 200 spot to me here. No info I have.)
- 1400 Colombia. Taped a HJ-- with s/off at 0000, all alone, 2/17, does anyone know which one s/off at this time? Best program came over. (Taylor, NJ)
- \*\* 1403 Colombia. La Voz del Caribe, HJTY, 4500, and on this freq. w-1450 with pop mx, ID'd at 0041 c/1. (Objio)
- 1409 Luxembourg. Also far from being rare, notes 1/10 with not at signals, no 1400 domestics at all 0340 and later, pop mx, sounded like British accents - noted here, as this is the earliest reception ever during the summer, e.g. first time in mid-August) - if this is any indication, this is going to be a darn good TA season. (Taylor, NJ)
- 1445 Colombia. Radio Sogamoso, HJFM, and some w/pm "Woods in the Park" and well-remembered songs, on 5/1. ID'd at 0007. (Objio, DR)
- 1454 unID. Anyone's guess. Common have air for the first time ever in mid-summer with a carrier and apparent s/on 0000 7/17. (Taylor, NJ)
- 1502 Poland. Warsaw on 7/11 and 2/10 both times at 0400. mal-remains talk to 0500 ID and music IS. (Taylor)
- \*\* 1502 unID. Real puzzler on 7/1 at 0000 looping same area as Fr. station, heavy signal only peaked s-7 and too much splash from DR/RETF. Any possibilities fitting this description? (Taylor) (GPN and my copy of the African LP/RF Broadcasting Agreement which lists the assignments, perhaps he will check-ed) - (10 kw Senegal & 10 kw Togo allocated - GPN)
- 1505 Colombia. Radio Barron, HJCL, Barron, RGN, hrd for the first time on 7/29 from 0235, ID'd at 0237 with NA and s/off. Hrs: later, on 7/11, on 1435 kc, IDing at 0200. (Objio)
- 1538 unID. Carrier noted with tone beginning 0200, ending 0200 and presumably into pgm. Loglines June 26, July 21, Aug. 2, 10 and 11 - all dates had excellent reception from Africans on 1400 and 1000. Can't get audio but my guess is Senegal regional outlet. (Taylor)
- 1538 Germany. DLF remained reliable and very loud all summer with easy listening MoR format, very enjoyable. Noteworthy 7/11 and 7/12 but not on almost a daily basis, best at 135 at 0004; also good just prior to 0000, about 0420 these days. (Taylor, NJ)
- 1546 Ukraine. Vinnitsa. Unbelievable reception during August, 0000-0000 7/11 with mx at 0206 to 0210 by man and woman, then waltzes played on the piano and narrated, sometimes voice-over by a woman on 0200. Short 4-note ID signal and clear ID both in Russian and Ukrainian. Dead air for 5 mins to 0230 when they must have joined Mayak for some of Russian operatic arias. Signal peaked 0220 at 10 over s-7 to s/out about 0400. (Taylor, NJ) Vinnitsa logged per Page's phone tip c/12, held in to 0400. First USSR, country 42. Noted during wierd TA ex. (Harris, NJ)
- 1550 Puerto Rico. WFFF Yauco appears to be AN and LS frequently as "Radio Cafe Musical". Last logged 7/11 at 0515 but hrd frequently since then without noting date or time, should be best hrd after 0600 after CME and KKJO leave air, leaving only WFFI to botmer. (Taylor)
- 1550 Colombia. HJAX finally logged after much trying, on c/12, dominant at 0300 end of musical pgm solo by choral anthem at 0300, then the s/off formalities beginning with indigenous mx, then "...l signal (a s/dial) la su voz Portena ...emisora del Caribe... desde Puerto Colombia" and mor mx, then "H-J-A-X" at slow speed. Taped. (Taylor, NJ)

- 540 Cuba. CMQ Havana sent "Radio Liberacion" v/q with "QSL...Radio Liberacion" on it. They said they "greatly appreciated" report of 3/3/70. Call letters CMQ were typed in. Report was sent direct with 3 IRCs. Took 5 months in transit. Also sent Radio Habana sked. (Kamp, Ca.)
- 719 Cuba. CMGN, Colon. V/1 in Eng via Inst. Cub. Rdfn. in 4 months. Letter verifies reception of Radio Rebelde on 4/21/70. Sent 4 IRCs. (Kamp)
- 750 Alaska. KF2D Anchorage sent long v/q in 20 days, surface, v/q has full data, signed by unreadable v/s who is CE. (Kamp, ca.)
- 780 Br. Vir. Is. ZBVI Roadtown sent v/c with full data on back of pix postcard showing "Sunset in the Virgin Islands", in 5 months via seamaill. Was for tentative report of 3/30. Mint stamps sent. (Kamp)
- 914 Surinam. A letter from F. S. Latour, Director, Lands Telegraaf en Telefoondienst (the Governmental agency responsible for the regulation of broadcasting in Surinam) informs that the stn hrd by me 2/2/70 at 0959-1004 on 914 kHz is Radio Nickerie (RANI). Callsign PZX. The station broadcasts in Dutch, Hindustani, talkie-talkie, English and Javanese. The xmtr is 1 kw. Sked is 0600-0330 Z. Reports may be sent to Radio Nickerie, Waterlostraat, Nieuw Nickerie, District Nickerie, Suriname. Has anyone else hrd? (Garcia, New York)
- 1120 American Samoa. Station WWUV, Pago Pago finally answered my 2nd f/up of reception of 2/2/70 with QSL card and short note on my report. V/s is Vern William and QSL card indicates 10,000 watts and Zip code is 94900. (Millar, Wash. state)
- 1124 Libyan Arab Republic. In amplification of GPN's comment about the name of the country, it is my understanding that mail addressed to "Libya" is being RETURNED by the Tripoli postal authorities and that the name Libyan Arab Republic is essential for delivery of the mail. (Ed.)
- 1150 Argentina. LT5, Radio Chaco, Resistencia. Excellent and very specific v/1 from Oscar F. Benitez, Dir. Gral. who says they have a 25 kw xmtr but due to antenna problems they are only on half power. They enclosed a magnificent 16-inch long pennant in yellow, red and brown. (Wood)
- 1200 Argentina. LU7, Radio del Sur, Bahia Blanca. Long, 2-page v/1, specific, from Esther Beatriz Serruya, Directora Artistica. Enclosed multicolored pennant. (Wood, reception of all 3 items here was from Hawaii)
- 1240 Uruguay. Radio Paysandu, C-35. A vague letter from M. Alfonso Ordoqui, Dir. Enclosed pennant in blue, white, black and gold, inscribed "la emisora sin fronteras" which seems to be true as they mention getting reports from South Africa, Norway, Finland, Mexico etc. (Wood)

Just a quick reminder that we are using Greenwich Mean time in the IDXD sections in DX News. Everybody has been cooperating well, except me it seems who missed 2 in a row as far as sections go. Expect to be on the beam from now. I think deadline will be around the early part of the week. With a revised publishing schedule, we'll have to see how things turn out, time-wise.

Items from Broadcasting:  
 Call letter application: Nome, Alaska. Catholic Bishop of Northern Alaska (cp for 780) requests KNOM. (Bdgc 8/10)  
 Final Actions: KF2D Anchorage. Broadcast Bureau granted CP to change from 10 kw-U to 10 kw, 50 kw-U, remaining on 750 kc; change type trans.; change studio and trans. location to southwest Abbott Road and Lake Otis Parkway south of Anchorage; conditions. Action July 9. (Bdgc 7/27)

IDXD FLASH... Ken Brownless, England, reports that Radio Nordsee signed off permanently at 1000 GMT on 9/24 following a special all-night pgm. This was supposedly due to Dutch Government pressure; Capital Radio is also off the air now although its eventual fate is still unknown. (GPN)

European ANers by Richard Wood

During my recent stay in England the following (greatly increased) number of ANers were noted. Some Iberians signing off at 0200 or 0240 are listed (as such) and these are almost as bad as ANers as many Soviets sign on on the channels as early as 0400. The blocked channels are as follows:

All channels from 1602 to 1502, 1493, 1484, 1420, 1394, 1387, 1313 until 0210, 1304, 1286, 1268, 1259 until 0230, 1178 until 0200, 1169, 1160, 1142, 1124, 1106, 1097, 1079, 1043, 1034, 1025 until 0230, 998, 969, 971, 935, 917, 899, 872, 854, 845, 827, 809, 800, 782, 773, 747, 726, 701, 683, 665, 638, 611, 593, 584, 575, 566 and 548.

For the American DXer, of course, this means that there are plenty of Europeans to be logged in mid-evening and that there is no need to wait until sign-on time, except for the decreasing number of Europeans which still observe a silent period.

===== O =====

I visited DX'er Alistair Woodland in Clevedon, Somerset and DXed on his HRO-500 for the nights of 8/23 thru 8/26. Despite being a few hundred yards from the BBC's 1457, which, though nominally 20 kw, has a 60 kw transmitter and generally runs full power, and despite the greatly increased number of European ANers, DX was fairly good. A marked swing was noted from night to night, viz.:-

- 8/23 - strict DSA (Deep So. American) only, Argentina, Uruguay and Brazil from Rio south.
- 8/24 - Broadening out in both directions; adding Chile, northern coast of Brazil, the first West Indian: Martinique-1310 which is a common logging in Europe.
- 8/25 - DSA reception still there, but numerous West Indians/northern So. Americans; one solitary NA, which was WINS-1010.
- 8/26 - Similar to 8/25, but not as good, no NA reception.

My loggings, briefly, from Clevedon were: 790-Radio Mitre, Buenos Aires; 810-El Espectador, Montevideo, good; 840-Rádio Bandeirantes, São Paulo; 860-Rádio Mundial, Rio, very good; 890-Radio Libertad Sport, Montevideo; 910-Radio Splendid, Buenos Aires; 930-Radio Monte Carlo, Montevideo; 940-Rádio Jornal do Brasil, Rio, very good; 950-Radio Belgrano, Buenos Aires, excellent; 980-Rádio Nacional, Rio; 1000-Rádio Record, São Paulo; 1010-WINS noted at 0236 8/25; 1020-Radio Margarita, Porlamar, very good; 1040-unID Brazilian; 1040-Rádio Tupi, São Paulo, 1050-unID, perhaps SODRF, Montevideo; 1060-Radio Minería, Santiago, good, and Em. Metropolitana, Rio; 1070-Radio El Mundo, Buenos Aires, excellent, the first TA in, and an unID Venezuelan; 1080-Radio Barcelona, Venez.; 1090-unID Colombian; 1100-Rádio Nacional, São Paulo; 1110-Radio Carúpano, good; 1130-Rádio Mauá, Rio; 1150-unID Argentine, suspect Radio Chaco, Resistencia; 1180-Rádio Globo, Rio, very good; 1190-unID DSA; 1200-Ceará Rádio Clube, Fortaleza, and Radio Tiempo, Caracas; 1210-Radio Coro; 1230-Radio Splendid, Rosario; 1280-Rádio Tupi, Rio, very good; 1300-Rádio Iracema, Fortaleza; 1310-O.R.T.F., Martinique, good; 1340-Rádio Guarani, Belo Horizonte, very good; 1400-Rádio Roquete Pinto, Rio; 1410-Rádio Verdes Mares, Fortaleza; 1440-Rádio Clube Paranaense, Curitiba; 1450-Rádio Clube do Pará, Belém, good. 30

Trans-Pacific Reception Exists

by Jay Murley, SCECPOSDXC (ERBA South)/NRC/IRCA



"Whaddya mean TPS?"

'The only guys who ever really log those Asiatics have a small fortune invested in their receivers. And they all seem to live miles away from the nearest radio tower in little town on the West Coast.'

The easterner's remorse is understandable, but it just ain't so. If reputable DXers in Boston and New York areas can log the larger Asiatics during the "early" openings, geography alone can't preclude reception altogether. And if Californians lucky enough to live in relatively interference-free areas can pick up TPS on such standby receivers as an AM-FM stereo...then an HQ-180 is hardly a minimum requirement for many DXers. True, the westerner with superior gear will have more opportunities to enjoy "armchair copy" of the trans-Pacific DX, but he won't necessarily have the right combination of luck or patience going for him in a given season.

In many parts of the country, you don't even require a loop antenna to log a few stations. A properly-aimed long-wire has done the job for me in the suburbs of San Francisco, Phoenix, and now Los Angeles...though a loop makes the identification process a good deal easier. But as you get east, both a loop and a receiver with excellent selectivity become crucial.

For as you get to the eastern half of the country, TPS are best attempted on splits. Last winter, several of us in Southern California were curious about the low number of eastern receptions on the key mid-frequencies. In view of conditions in each of the Pacific states and in Colorado, such veterans as Don Kenney and Father Jack Pejza particularly expected reports on the high-powered North Korean at 655, the high-powered Red Chinese on 835, and the Voice of America-Ryukyu transmitter at 1178.

I can only suspect that many easterners must have felt they were chasing hets of many TAs only 3000 miles away, and felt that a TP 6000 miles or so out would be twice as hard to attempt to ID. If that's the case, consider your loggings of Tirana. It may be over-modulated, but that high-powered signal offers you rather clear audio. Now consider the large Chinese and North Koreans - they're much the same, over-powered and over-modulated. The other easily heard TPS, the Siberians, Japanese, and VOA-Ryukyu's are also high-powered. And none are under-modulated by any means. The result: a lower percentage of hets and a higher percentage of very long fades with clear audio when audible.

But still check interval signal characteristics, for the IS remains the safest bet when signal strength fades as the IDs are broadcast. One route to go: make your own list from WRTH as it'll help commit them to memory.

TP DXing has some unusual characteristics that you should be aware of. First, the extreme long distances require paths across Alaska for many signals to penetrate the north-eastern states. They require reasonably low levels of aurora here in the far west and very low levels continuously, at the other end of the country. Consequently, you can't count on TPS if you should wake an hour early to tune down the dial. It can be frustrating.



Due to the distance and all, very long fades occur often. 60 to 100 second fades, ranging from shallow to very deep, are common, forcing the DXer to spend two minutes glued to each frequency being checked to see if some programming should surface. Some of these fades will be slow and gradual, others fast and abrupt.

Then there's the fast flutter. It is not constant from night to night, and can appear and disappear on a given signal within two hours or so. Until someone like Gordon Nelson dissects it scientifically, we can only presume that it's related to given signal paths skipping along the outer edge of aurora for hundreds of miles through Alaska and northwestern Canada. Several of us have noted it affecting North Korean and Red Chinese stations in the 655 - 1040 range while leaving the Japanese stations in the 670 - 830 range untouched: the Japanese paths to the West Coast are further to the south, of course.

But before you lose a night's sleep on what could be a wild goose chase, how do you size up a possible TP opening?

Speaking only for myself, I check for Alaskans. If the aurora has all Anchorage and Fairbanks powerhouses eliminated, readable TP copy isn't very likely at all.

Alaska might be worth covering, therefore, as a prelude. Most of us seem to report KYAK-650 in Anchorage, KFAR-660 in Fairbanks, and KFQD-750 in Anchorage most often. (There are exceptions; close readers of Father Jack's features will recall that KFAR specifically excludes Santa Monica from its otherwise excellent Southern California coverage, etc.). KYAK is country-western, like WSM, but unlike KORL who share the frequency. KFAR, a rocker, has Mexico City problems in the far west and New York City problems to the east. And KFQD is a middle-of-the-road CBS affiliate. (It should be noted that KFQD used to sign-off at 0500 on Mondays, with KYAK regularly off at 0600, and KFAR running NSP).

Other likely bets for prime 0400-0430 path checking (my own schedule, anyway) include KICY-850 in Nome, usually in religion or religious music, KFRB-900 in Fairbanks, after CJVI's 0400 s/off naturally, and KJNP-1170 in North Pole, near Fairbanks. The two Juneau's, KJNO-630 and KINY-800, aren't far enough north to prove useful and tend to sign off an hour earlier in any case. (And Soldotna's signal bounces over Newport Beach).

If the bulk of key Alaskans are audible, take a shot at such frequencies as 655, 830, 1040, 1475 and 1525. You might be very pleasantly surprised! Here's what I'd recommend looking for.

Japan. Is Japan or China the easiest Asiatic TP to log? It's debatable; when Don Reynolds wrote his article on the 25 easiest foreign countries for WC DXers, he ranked Japan with five likely frequencies as 18th, and China with two, as 19th. Japan offers an earlier sunset, crucial to eastern DXers sunrise times. Japan has boosted the power on several key stations, increasing the likelihood of their signals surviving the long land haul down the spine of North America. But the Japanese also have a language that sounds very much like Spanish. That raises havoc for western DXers who are faced with TPs following the same general directional pattern as many Latin stations, particularly in northern South America. For the DXer east of the problem of separating Colombia from Japan on 850 (though he may be faced with Cuba versus Japan on 830), a close watch on others' remarks on sign-off status and

and careful study of WRTH programming hints alone may suffice. One way to surmount the "weak SS/JJ" problem, noted in Father Jack's pages, is listening for English lessons. I've never noted them on a Todelar station in Colombia, for instance. But last year's reports showed JOAB-690 with EE from 0515 to 0530 and JOBB-830 with lessons from 0645 to 0700.

The most reported Japanese have tended to vary from season to season, but JOIB-750 in Sapporo always seems to lead the pack. Its very northerly location offers a shorter distance and early sunset. Last year, two stations particularly gave 750 a run for supremacy. Both are in Osaka and both benefited from power increases to 300,000 watts in conjunction with Expo '70. They're JOBK-670 and JOBB-830. A check of WRTH will show NHK network parallels useful in increasing your totals. Among the other frequencies worth checking if the big guns are booming in: 690, 700, 840, 850, 870, 880, 890, 950, 1090, 1190, 1210, 1270, 1400 and 1510.

Mainland China. Some of the super-powered outlets are so audible that logging is often a matter of catching the bars of "the East is Red." The four most likely catches are massive: Nanchang-835, Peking-1040, the jammer on 1178, and Urumchi (especially when it's on jamming duty)-1475. These four offer quite a variety. Nanchang is a super-powered domestic service station full of shrill voices and obvious propaganda-type broadcasts. The caustic broadcasts especially should be noted. Peking-1040 tends to be separately programmed (perhaps when Chairman Mao sneezes, all stations simulcast the mighty noise), but tends to be bothered by either Colombia or Cuba. 1178 is the home of Okinawa's VOA outlet; for obvious reasons, it's occasionally accompanied by a jammer on the mainland. When on, it tends to be very clearly audible. But ensure that Cuba and Florida are out of darkness, because a jammer heard on 1178 at 2200 is hardly likely to be a TP. 1475 and 1525 are frequencies on which the Russians and Chinese battle for ideological loyalties, particularly of the minority races along their long frontiers. The Urumchi transmitters are normally the last of the TPs to fade in, here in California -- when one makes it. Even when 1475 is on the buzzsaw, it requires a very northerly signal with attendant long fades and flutters. But I wouldn't be surprised if these are the world's most powerful medium-wave transmitters, with 1525 often reported in programming, and 1475 often reported as a jammer.

There are other likely catches, certainly as probable as 1525. In the second rank, I'd include two big foreign service outlets, Peking-1020, most often heard in Japanese, and Amoy area-1480 broadcasting in Chinese to Taiwan. On an excellent TP night, likely additional targets might include Changchun-585, Peking-620 and 760, and, if 760 is in, an easy parallel, 820, Amoy-1090 on Taiwan service, and perhaps such additional domestics as 840, 950, and 1120. Watch and report your parallels closely, however, as these hardly tend to be clear channels.

Ryukyu's offer one giant VOA powerhouse often heard in North America. Due to the ease of identification of English-language programming, I rate it slightly ahead of the USSR in ease of reception. But Don Reynolds ranked them in reverse order several years ago for West Coast DXers, with the Siberians in 21st and Ryukyu's in 22nd. VOA can be misidentified rather drastically,



however, so let's take a long look at 1178 - Okinawa. Obviously, it's not the only VOA on 1178; similar calls exist in the Florida keys. Last year's s/on in Okinawa was 0600; it's been heard by some in North America up to 1000. For eastern DXers, a very northerly TP opening might produce possibilities on Sunday mornings before WHAM-1180 turns on their carrier and some top EC DXers have logged it. In the western half of the country, optimum reception comes after sunrise has wiped Rochester out of interference, but before Montana's KOFI-1180 can produce problems. There are certain months when VOA is a dominant TP for half an hour to an hour daily. Late September and October are excellent with late February and much of March quite respectable. The key half hour tends to be 0830-0900, though I tend to check for it from 0800-0930 on good TP openings (when sleep isn't a problem).

VOA-1178 is a powerhouse, but one often improperly claimed by newcomers to broadcast band TP DXing. The occasional presence of jamming shouldn't be a problem - assume the Cuban until twenty minutes or so past their sunrise, and then continue to assume the Cuban or local line noise or a leaky fluorescent light until you've safely assured yourself of a good TP opening. But because the programming itself is often in English (alternately Chinese, Korean, etc.) be very careful on your identifications and loop bearings.

U.S.S.R. There are three principal frequencies worth watching. 1475, Vladivostok or Khabarovsk, is foreign service. I've heard them in Japanese, I believe that I've heard them in Korean, and others have heard them in English. For those of you with real difficulty logging TPs, a tone-in-cheek suggestion. Read the news magazines carefully: if the Russians and Red Chinese are in another ideological feud...and if they're jamming other's SW broadcasts, then try 1475. If they're broadcasting at each other, you're likely to hear the Chinese jammer. But if there isn't any jammer, try to ID the Siberian!

The most likely Russian tends to be 1550, Khabarovsk -- a home service (Mayak) outlet often heard on Monday mornings after 0330, with KKHI and XEBG off. Check for light music; male and female Russian-language announcers tend to alternate. Dallas-Fort Worth area listeners faced with KBUY's NSP splatter (assuming they don't cut back in the face of overpowering new competition from WBAP), might try 1525, normally a jammer. If you've got the gear to split past the NSPs on 1520 (particularly KYXI in Oregon City), 1525's buzzsaw may be your likeliest Russian. I've never heard it, thanks to KACY and KYXI, but I don't have a 180, either.

There are other possibilities-when 1150 drifts to 1151, as was reported last season, it becomes a good deal more viable, in spite of KAYO in Seattle and KIIS in Los Angeles, both broadcasting Monday mornings (not to mention several stations in the northeast to keep them company). One last note: if you hear opera or classical music on 1550, after KKHI's s/off, don't assume Australia unless it's mid-summer, hi! More than one of us have been caught with a poor tentative on this, as Khabarovsk plays classical music quite often.

Others that have been logged recently in the west include 548, 1250, 1367, and 1376. They're tougher, though 548 was a more frequent catch several years ago, and Don Reynolds regarded it as one of the three likely prospects for Siberia then.

North Korea. I doubt that any will dispute that the North Koreans are easier than the South Koreans. On a good TP night, the parallels available, with their two networks, make decent totals

quite possible. Even for those with extremely difficult TP reception, North Korea is worth the effort to attempt.

Here are the two domestic nets: Net 1 stations (with parallel programming) have been logged on 725, 785, 799, 860, 876, the roamer about 1006, 1285, and 1335, in the West fairly often. You'll find differences of opinion about which is the most likely super-power on a good night; I've always sworn by Pyongyang-785 but others rely on 725.

This difference of opinion doesn't apply to Net 2. 655 is the super-power, the first Korean logged by everyone I've chatted with on the subject, and the likeliest first Korean logging on a good night. (785 beat them in here once last November). An easy parallel tends to be 697; by all means check 735 as well. Other prospects on a superb night should include 585, 625, 850, and 1080. But all of these parallels, as with the Japanese, assume a satisfactory standby receiver anchored to the key frequency. One prospect among the North Koreans deserves mention: the foreign service stations often beamed to Japan during optimum reception hours. The best bet for most is reputed to be 635; I wouldn't know, living reasonably close to our little local called KFI. Best listening hours, again, tend to be 0600-0800. And let me repeat for those who have yet to firm their first TP logging: 655 is an extraordinarily good bet, and several members in Denver or the West Coast might be willing to audition your tentatives on tape.

South Korea is infinitely harder, in my opinion. I've gone entire seasons without logging one. If you live in areas of difficult TP loggings, I'd rather cynically suggest forgetting these - but I expect a bit of disagreement from others. The six most likely loggings, depending on your local signal path and splatter problems, seem to be HLKU-1160, KLKY-840, HLKA-710, and perhaps HLKI-880, HLCX-1140, and VUNC-1270. Check WRTH for further details on programming for any that look to be possible in your locality. It's most everybody's TP country #6, but a number of top-flight western DXers count five TP Asiatics!

The tougher Asiatics are not expectable catches even on an excellent TP night. At 1550, DYLA, Cebu City, is the most-often reported Filipino, but it's always eluded me. Don Kenney had a tentative on Thailand-843 prior to Tarawa-844 going to higher power last year, in that eventful week that found 844 independently discovered by Larry Godwin, Clarence Freeman, and Richard Wood (and logged by a dozen more of us, as LBG's discovery was spread by telephone in such states as California and Colorado). Then there's Rangoon, but you had to be sitting in with Richard Wood in Cahu to hear it. Taiwan is a little easier - but not much.

I haven't touched on the DU's and other mid-Pacific outlets. They don't depend on the signal path across Alaska, for instance, and offer an entirely different type of challenge in many respects. Suffice it to say that we don't see too many reports "1550 Siberia over/under Emerald, Australia" from DXers on the North American mainland. Nor do we really expect to. They are related in one sense, however.

If the TP paths are dead, many West Coast DXers do chase the Hawaiians, the Down-Unders, and the more likely mid-Pacific outlets at Tarawa and in the Marshalls. With the exception of such Hawaiians as KGU, KLEI, and KZOO, this doesn't strike me as such a rewarding activity for DXers in the east - though, at least half a dozen ECers from Mass. to Virginia have solid loggings of DUS

or Tarawa. As a group, these outlets are worth a separate introductory feature for those unfamiliar with them.

I've ventured more than one opinion so far; I'd appreciate the chance to offer a few more thoughts.

Perhaps many of you who know and use the European, Caribbean, and South American pages of WRTH aren't too familiar with some of the material in the Far Eastern section. The latest reported parallels and network lineups are very useful - they'll probably be more up-to-date than some of the memo sheets I've used in compiling this feature. And on the identification side, the best way to become familiar with the Ids and Ids is to hear them, but reading them in WRTH is also helpful! If all of the Oriental languages sound alike, follow the advice of such top-notch DXers as Richard Wood, Bob Foxworth, and Glenn Hauser: pick up some familiarity with language characteristics on the SW dial.

Last year wasn't bad for TP reception, considering our position in the sunspot cycle. Many of us feel it was the best in the last few seasons, though it suffered the usual Midwinter Anomaly. Make it better for all by sharing detailed reception reports with your fellow DXers. If you've been logging the TPs, but not reporting, why not resolve to send your catches - with all pertinent signal condition data - to your foreign DX editors? Which, in turn, will make for a better TP season for all of us.

Your comments on omissions - or worse, errors - would be most appreciated.

--Jay Murley, 1733 Candlestick, Newport Beach, California 92660

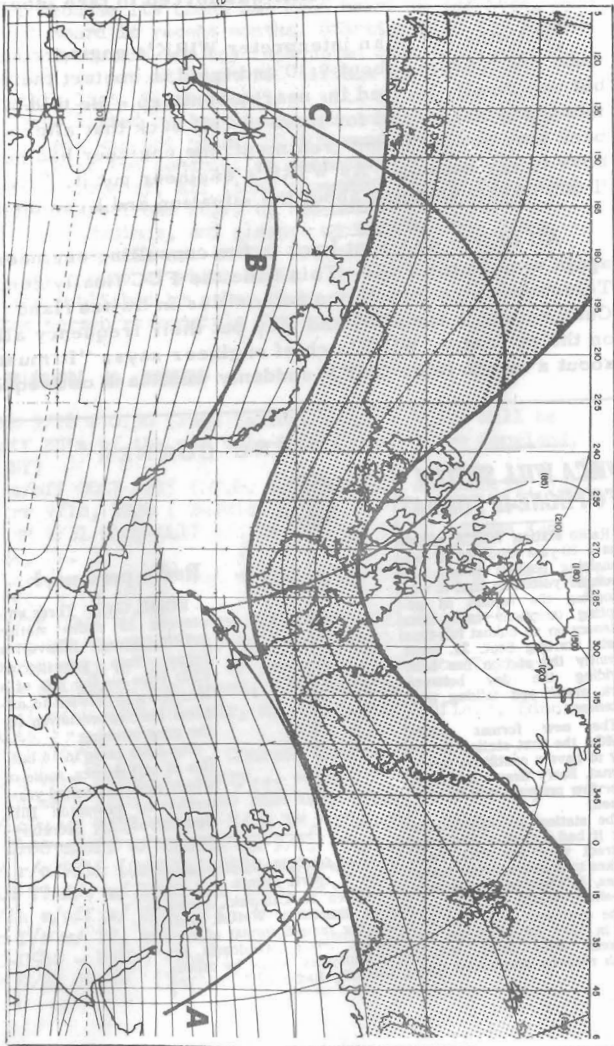
### TP RECEPTION ON THE EAST COAST

A couple of the points raised by Jay in his excellent article bear amplification for East Coast DX'ers. One is the relatively great distance to the Far East stations from the East Coast; Pyongyang, for instance, is about 6,750 miles from Boston - this is a full thousand miles further than to Baghdad which is about the furthest eastward station to be heard here with much regularity. The TP distances are in the same range as the East Africans and Central Asians; both very rarely heard areas in spite of the presence of quite a few powerful stations on split channels. Stations at such extreme distances must propagate via 3 or even 4 skip modes and the accumulated absorption is quite high under the best of circumstances. But the East Coast DX'er shooting for North Korea on 655 or China on 835 is faced with a much more serious problem than the mere distance involved. On the opposite page we have shown the approximate location of the Auroral Zone for a night of good TA reception (dotted region); the Auroral Zone is oddly shaped because of the map projection. "A" is the most northerly great circle path from Boston to Europe which passes south of the Auroral region. Note that this is an especially good TA night; Scandinavia, the Mideast, and much of the European Soviet Union may be audible. Nights like this were relatively common in 1963-1964 but have only occurred a few nights per year since then. Path "B" is the great circle path from San Francisco to Pyongyang, North Korea; note that it avoids the region of Auroral absorption widely. With the Auroral Zone in this

position, West Coast DX'ers may experience reception from the entire Far East region without Auroral absorption. But curve "C", which indicates the great circle path from Boston to Pyongyang, shows most graphically why it takes superb auroral quiet before we have any chance for stations such as 655 here on the East Coast. Signal paths from the East Coast to the Far East must pass completely through the Auroral Zone not once but twice! Only after a long period of very low Auroral/geomagnetic activity will the residual absorption in the Auroral Zone fall to a value low enough to permit passage of the signal from Pyongyang.

Here in Boston (Watertown) we've only been able to log 4 Far Easterners in spite of intensive efforts back in the 1963-1965 period of bottom auroral activity. Pyongyang-655 was heard a number of times with weak to fair signals several times around 1130 GMT but not since 1965; Pyongyang-878 and China-835 were noted weakly one AM in 1965 and a Chinese outlet, location unknown, was briefly taped one AM in 1964 on 1000 kHz. The most likely Chinese, 1040 kHz, has long been hopeless because of QRM here in the East; likewise the Japanese on 730, 750, 1370, etc. Because of the very odd nature of the present sunspot cycle (instead of falling off it has remained "hung" at a high value for the past 16 months) we can't expect to experience the periods of prolonged auroral/geomagnetic quiet necessary for TP-East Coast reception very often in the next year or two. One of the best bets for the Far East (and a station that wasn't on until relatively recently) should be the Siberian station on 1475 kHz. When watching for traces of carrier on 1475 around 1000 GMT beware of Latin Americans on the channel and remember that it's often possible to still detect the last fleeting traces of Spain on 1475 that late in midwinter. Good luck!

\*GORDON P. NELSON



# case of the wandering cuban

- Jerry K. Conrad

So the off-frequency Cubans disrupt your DX'ing? Think what they can do to a commercial broadcasting station in the Southern United States! Here's what one such station, WIRK-1290, West Palm Beach, Florida, did to remedy the situation. CMKF, Guantanamo, Cuba was operating on 1292 kHz instead of their assigned 1290 and was causing severe interference to WIRK's primary listening area. The CE complained to the FCC's monitoring station in Ft. Lauderdale; they listened and confirmed the interference on repeated occasions. This information was turned over to WIRK's consulting engineers and lawyers and they met with the FCC in Washington. The FCC was reluctant to take any direct action probably because of the very real danger of setting off a frequency war with the Cubans so WIRK was forced to take other steps.

With the aid of an interpreter WIRK's engineering staff phoned CMKF in Cuba one morning about 9:30 and tried to contact their CE. He was not there but was finally located in nearby Santiago. He told WIRK that he would look into the situation and for them to call back that afternoon. When they called back they got the silent treatment; the engineer had been given orders by his boss to say nothing. As WIRK's engineer put it, "Every other sentence was 'I don't know anything about the situation and I can do nothing about it'".

All of this was sent back to the consulting engineer and their lawyers who again went to the FCC. This time the FCC finally contacted the International Telecommunications Union authorities in Switzerland (both the U.S. and Cuba belong to the ITU) and they put their frequency allocation division to work on the problem. WIRK's chief engineer says, "It must have worked because about a month later CMKF suddenly went back on frequency!"

## CLIPPING CORNER

### WMCA WILL SWITCH TO PHONE-IN FORMAT

Radio station WMCA, which has a 20-year tradition of emphasizing popular music, announced yesterday that it was adopting the format of accepting telephone calls from listeners on an almost full-time basis, starting Sept. 21. Most recently the station has been dividing the day between rock music and talking with listeners.

The new format makes WMCA the first station in the city to have a continuous call-in format. Barry Gray's late-night interview program will be continued.

The station also announced that it had signed a four-year contract with the New York Yankees to broadcast their home games, in addition to the new talk-show format.

The contract, to go into effect in 1971, replaces one the Yankees have with WHN, which recently announced that

it would drop play-by-play coverage of sports events.

Stephen B. Labunski, managing director of WMCA, said that the revised format of the station, which broadcasts at 870 kilocycles, would be called "Dial-Log Radio 57."

### Radio personnel take gift 'trip'

ROME, Ga. — Three employees of radio station WIYN were recovering today from unsuspected LSD trips — the gift of a listener who wished to express his "appreciation for the programming."

The LSD came in 10 bottles of soft drinks, some of which were consumed yesterday by newsman Bill Underwood, 22; Secretary

Nancy Nichols, 20; and program director Windy Miller, 31.

All three were hospitalized in good condition. By late yesterday Underwood and Miller were reported sleeping and Miss Nichols was still "happy." News director Bob Scruton said he believed the soda was meant for him by a listener who did not like what he heard on the station's twice-a-day comment program.

## DOMESTIC X DIGEST



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Greetings once again, folk... As we really get into the new DX season, even DDXD will sport a few changes. First, every month, DDXD will feature a list of r/c's not heard, and conclusively believed to be discontinued. All members know of some checks which they should hear because they either hear the station on RS or because its check had been heard in the past, which are consistently not heard in recent months. Starting with the checks for Sept., I'd like all contributors and any interested others to compile such a list of checks which you are at least 90% certain do not exist, and send same to me for this list. First such list will appear the final issue in October. All checks listed by two or more persons will be asterisked to denote that the check was not heard. DO NOT send checks unless they have been missing at least two consecutive months!!! Just to clear up a minor controversy, all items appearing in new r/c lists and in the A, B, & C sections are items heard by NRC members and reported either to DDXD or reported to Musings, and gleaned by this editor. This editor has not in the past, and will not in the future, "pirate" info from columns of other clubs (none of which he is a member of anyway) nor from "exclusive" lists published by other clubs unless the info is contributed freely by the person responsible for compiling said lists. Now, on to DX....

### midnight to sunrise

- \*+ 570 WMCA-NY S/off MM 9/28 @ 0130 (Page Taylor, Butler, N.J.) Will be AN-6, off MM's w/ the new tele-talk format (Dave Copeland, Bklyn, NY)
- 920 WKVA-Pa Hrd w/ s/off 0007 9/15 ( T.D. Buckley Jr., Alexandria, Va.)
- 930 WLL-Lv Hrd w/ rr 9/18, 2238 ( Buckley)
- 1150 KAGO-Or Had ET MM 8/31 0409-0412 o/KIIS,KAYO w/ TT,OC (Steve Kamp, San Jose, Ca. )
- \*\* 1151.2 CJRC-On Hrd here again, at first mistaken for BBC but w/ tele-talk show 0155, 9/18.(Taylor)
- 1230 WCRO-Pa Had ET/TT 0005 w/ ID every minute MM 9/21 (Taylor)
- KXO -Ca Hrd w/rr, QRM de HRDG 9/17 0047-56 (Kamp)
- 1240 WCBY-Mi Alone 9/18 0213 w/ ID way o/ possible KDGO r/c (Taylor)
- + 1310 CFCM-On MM SP is 0055-0555 per anct. 9/21 (Taylor)
- 1330 KFSC-Ca Hrd w/ TT 9/14 0258 ET fair, no QRM (John Oldfield, Edmonton, Alta )
- + 1340 KOLE-Tx S/off 0102 9/15 (Jerry K. Conrad, Haines City, Fla.)  
\*That's very Strange, Jerry... -RJE  
S/off in mess 9/16 0100, no SSB hrd. (Kamp)
- KDOL-Ca Hrd w/ c/w w/ KIST nulled 8/31 MM, 0748-0754 (Kamp)
- KRAM-Nv Hrd @ 0100 s/off w/ choral mx 9/21 (Taylor)
- 1370 WDEA-Me Hrd w/ r/c 9/15 (3rd Tu) 0010-0025 w/ 800-Hz. tone, well o/ unid TT-f/c w/ 1000 Hz. tone, but unid. (Conrad)
- \* 1400 WBAP-Tn Hrd on f/c 9/15 (3rd Tu) 0010-0025 w/ 800-Hz. tone, well o/ unid TT-f/c w/ 1000 Hz. tone, but unid. (Conrad)
- + KRPL-Id Hrd 9/14 s/off w/ SSB 0300, to return 0630 (Oldfield)
- \* 1480 KTHS-Ar Hrd on f/c w/ TT, anct., 0538-39 per IRCA list 4th MM ( 0530-0540 - RJE ) (Kamp)
- \*+ 1520 WKBW-NY Off MM 9/21 0115+ (Taylor)



- \* 1530 WTTI-Ga Had ET-nx, freq. ID's, 0105+ 9/28 MM (Taylor)
- 1550 WKBA-Va ET w/ calls ( including NRC'er Rich Hicald ) 0015+++ o/u CSE, 9/21 MM (Taylor)
- 1590 KUDU-Ca Hrd w/ local KLVV inexplicably off RS but w/ CC, w/ c&w, ID's, jingles, 9/9 0457-0510. (Kamp)
- 1600 WFRG-NC Caught at s/off 0005, 9/15 (Buckley)

**Sunrise & Daytime**

- 950 KAMI-Ca Good w/ local nx & spots 9/19 1100-1122.30 (Kamp)
- 980 KEAF-Ca Hrd c/nearer 80TY w/ c&w 8/20 1859-1905.30 (Kamp)
- 1250 KVEL-Ut Good w/ c&w 8/24 0824-0833 when lost to WINS (Kamp)
- 1320 KLAN-Ca Good w/ KORA nulled 8/23 1742-1759.30 w/ MoR, wx, nx, (")
- 1340 KXAK-Ca Good c/s/on o/the mess w/ n.v. CSE into c/w 01:21, 0900 (Kamp)
- 1370 KXLF-Mt Good MM 8/31 w/ c&w nx 0819-0833. (Kamp) -Whaasis, Steve, all you hear is c&w stations??? -RJE
- KSOP-Ut Easily separable from KXLF w/ loop same time, also w/ c&w nx (Kamp) ( More c&w / ??? -RJE )
- 1390 KBLW-Ut Good w/ dom. KENN nulled partly w/ s/on 07:31 w/ vocal CSE 0757-0800 into nx, then lost to WELC s/on (Kamp)
- 1480 KLEO-Ka Fair w/rr 07:24 0731-0734 (Kamp)
- 1490 KONI-Ut Fair c/s/on 07:24 0800-0802 w/ non-vocal CSE, FL announc.
- WTOR-Ca Fair w/ KXRX 8/21 1611-1624. (Kamp)

**Sunset & evening**

- X 730 KBOY-Or Fair w/ local KCBS slop nulled 8/27 2246-2305 w/ rr (Kamp)
- 570 KONO-Ca Fair 8/22 2029-2038 w/ MoR (Kamp)
- 590 KTHO-Ca Fair 8/22 2041-2053.30 w/ MoR (Kamp)
- 1010 WFGW-NC ID caught 9/26 in mess @ 1920 w/WINS way down (Taylor)
- WELK-Va S/off atop channel w/SB @ 1930 o/ wk WINS (Taylor)
- 1170 WFLC-Ma Toppin; freq. s/off 1015 9/18 (Taylor)
- 1340 KATA-Ca Fair w/rr in mess 8/26 2359-0001 (Kamp)
- 1370 WFFD-RI Hrd w/ Hurricane watch info, strangely, 1740 9/24. (Taylor) Par dip from Page, checked, caught ID 1818 9/24 even w/ F&F disconnected... (RJE)
- 1430 WHIL-Ma Hrd s/s/off o/u WJBR, s atop after WJBR pwn/patt/ c/s. 9/20 1900. (RJE)
- WTTT-Ma Hrd w/ Mets 80, then s/off 1858 9/20 u/WJBR; WHIL (RJE)
- 1530 WFOC-Va, WOBR-NC, WASC-SC - Simultaneous s/off, tho' WOBR pulled out on instant tape replay for 1915 9/18 (Taylor)
- WOBR-NC, WFOC-Va Hrd s/off's 1915 & 1913 respectively, tho' latter very weak 9/22 (RJE)
- 1550 WVAB-Va Caught end of s/off 1917 9/20 (RJE)
- WXVA-WV Pest here 1928 9/21 (RJE)
- WPTH-Ma Hrd o/u WXVA to 1900 s/off 9/22 (RJE)
- 1580 WKOK-Oh Religious pgm into s/off 1942-46 9/20 atop channel (RJE)
- X 1530 WJRX-MI Hrd 1946 s/off after WTEM @ 1942 9/24 (Taylor)

Should be in "E" section, items misplaced, sorry-RJE

- XX\*\* 1330 KOLM-Ca 9/13 s/on 0800 o/ WPK, poor sigs. (Oldfield)
- XX\*\* 1400 KUKI-Ca 9/15 s/on 0758, poor: "Voice of Redwoods" (Oldfield)

**P/C's**

WTON-1240, WCMS-1050, KPUR-1440, KLEO-1480, WCVS-1450, WLDY-1340, WTVT-1340, WPEC-1100, WEEK-1230, WKCL-1350, KHW-1130 all 9/28 (HRT) by Taylor.  
Also: WDXY-1240, WVNJ-620, WBBQ-1340, WYMB-1110, WTKS-1310, KXTO-1340, WDIC-1430, WJFF-1400, KARR-1230, KWYO-1410, WELI-960.

**call applications**

- 1600- WEPH-Va req. WFTC
- 700- Bethel, Ak. req. WYK ( not to mention a req. to chg. freq. to 580 w/ full-time 5kw. )
- 710- Asheville, NC req. WJSA
- 1140- Fayetteville, Tn. req. WXX
- 850- KLR-CA (CP) req. WFR
- 930- KLR-Co req. WZG
- 1530- KOND-Wa req. WTE
- 1380- KFOI-Wa req. WFEZ
- 1170 KXOA-Ca req. KNDE
- 1110 WALT-Fl req. WQYK

**changes**

- + 580 COKR-BC SCH: 24 hrs. (Oldfield)
- + 620 CJTT-BC Is on (")
- + 790 KSPD-Id ex-KRST
- + 910 KENA-Ka ex-KIST
- + 0200-BC SCH: 24 hrs. (Oldfield)
- + 1000 WFTS-Ch Is on (Truax, WVa.)
- + 240 WECO-Tn Is on.
- + WJBE-Ut Cedar City, 10 kw. D-1 is on.
- + 1170 WJAY-Ia ex-WJTE
- + 1520 WJXY-Fl ex-WJYK
- + 1640 WJEL-Fl ex-WJBT
- + 1600 WJON-Ia SCH: NSP (c&w) (Kamp)
- + 780 WJML-Iv To go on RS 10/1. (Kamp)
- + 1110 WJMT-Vt SCH: 24 hrs. (Oldfield)
- + 1270 WJEF-BC SCH: 24 hrs. (")
- + 1390 WJMG-BC SCH: 24 hrs. (")

MEMBERS: A note to new members: Please do not include regular receptions or clear channel D's to this column, as we exist mainly to help other DX'ers to log new stations. These items are not of sufficient importance to warrant their use in P.Y. Space/time limitations make this restriction necessary. Welcome to John Oldfield & T.D. Buckley, Jr. this time.  
SEND US YOUR STATION MATERIALS BY 20 OCTOBER.

UPDATE MAIL, 1480 AS USUAL.  
SCHEDULES WILL NOW BE WEDNESDAY MORNING MAIL, OR PHONE TIPS TO 0000 TUES. NIGHT, OR BY NEW PRINTING SEND. NEXT DEADLINE AFTER YOU READ THIS WILL BE 10-13-70.

73's, RJE

Gordon Nelson, NRC HQ...

Well, I finally got a new country this week - BBC, Malta-1546; that brings us up to 122 countries but it took almost a full year; last new country was ZIZ, St. Kitts on 570 last year. Malta was fighting it out with Ukraine on 1546 during a very good high-band opening on MM 9/28. When we heard of Nasser's death on Monday we had thoughts of cleaning up on the all-night Arabs but no such luck; cx took a definite turn for the worse by Monday night and only the common Arabs such as Cairo, Beirut-836, and the North Africans were heard. One very interesting signal did show up on that Monday night, though, a very weak AN station on 763.94 kHz giving very clear and unambiguous direction finding for Sudan... While listed as 50 kw, he's actually running much less and is rarely heard well even in Europe; I've been after him for 5 years now and that was the first trace ever. If it hadn't been for the incredible splash from WABC there might have been enough for audio but Sudan and WABC are collinear so the loop is no help and ABC is splashing all the way up to 790 here in Boston! Ugh. Bunch of the HQ crew went to the ARRL ham convention the other day here; guess who we saw? FCC Popkin who declined our invite to check on WRKO's excess splash...

30 R/C LIST SUPPLEMENT — DDXD

X denotes a change in existing data. All other abbrs. as per NRC f/c list.

FIRST MONDAY  
 x 0000-0030 \*WPLB Mi 1380 Ta  
 x 0015-0030 \*WPAL SC 730 T  
 0100-0115 WBAZ Ny 1550 T  
 X 0215-0230 \*KBOB Az 690 T  
 \*WINJ IL 1510 T  
 0245-0300 WINH SC 1470 T  
 0300-0330 \*KQIK Or 1230 T  
 0330-0345 \*KXKL Mt 1450 T  
 \*KLTZ Kt 1240 T  
 0345-0400 \*KLAJ Nv 1230 T

FIRST TUESDAY  
 0100-0110 \*KJBC Tx 1150 T  
 0540-0550 KULF Tx 1240 T  
 0615-0630 \*KSIX Tx 1230 T  
 \*KIRT Tx 1580 T  
 x 0630-0645 \*KDDD Tx 800 T

FIRST WEDNESDAY  
 0100-0105 WCIS Ms 1460 T  
 0400-0415 WSKT Tn 1580 D

FIRST THURSDAY  
 0230-0245 \*WCNH Fl 1230 D  
 0245-0300 \*WMPA Ms 1240 D

FIRST FRIDAY  
 0000-0015 \*WHBG Va 1360 T  
 0015-0030 WSLT NJ 1520

FIRST SATURDAY  
 x 0115-0130 \*WBRN Mi 1460 T  
 0315-0330 WRVK Ky 1460 T

FIRST SUNDAY  
 0115-0130 \*WMAY Il 970 T

SECOND MONDAY  
 0100-0115 \*KIKS La 1310 T  
 0110-0125 WKYE Tn 1550 T  
 0320-0330 \*KAWT Az 1450 T  
 0420-0435 \*KARR Mt 1400 T

SECOND TUESDAY  
 0030-0045 \*WJMA Va 1340 T  
 x 0045-0100 \*WFTR Va 1450 T  
 0100-0110 \*KJBC Tx 1150 T  
 -0120 \*WJAY SC 1280 T  
 0215-0230 WBTH Fl 1400 T  
 \*KABQ NM 1350 T  
 0300-0315 WAAC Va 1300 T

SECOND THURSDAY  
 0000-0015 \*WIDJ Mi 940 T  
 0045-0100 \*WENS NY 1360 T  
 0110-0120 \*KEDD Ka 1550 T  
 0115-0130 WLSJ Va 1220 M

SECOND FRIDAY  
 0200-0215 \*KFJM MD 1370 T  
 0230-0245 WSEL Ms 1440 T

THIRD MONDAY  
 0100-0120 \*KWLA La 1530 T  
 0115-0130 WTMX Wi 1460 T  
 x 0145-0200 \*WYIN NC 1550 M  
 0200-0215 \*WORV Ms 1580 T  
 0215-0230 \*KHND Mt 1230 T  
 \*WCLG Tn 1260 T  
 0300-0310 \*KPAL Ca 1450 T  
 0345-0400 KVCB Ca 920 T  
 0515-0530 \*KSET Tx 1340 T  
 \*KNET Tx 1450 T  
 0600-0615 \*KFTV Ca 1360 M  
 x 0045-0100 \*WBHN NC 1590

THIRD TUESDAY  
 0000-0015 WBUS Ga 1360 T  
 0100-0110 WNPV Pa 1440 T  
 0145-0200 WAZL Pa 1490 T  
 x 0200-0230 \*WEAS Ga 900 T  
 0225-0245 KVRG Az 1240 T

THIRD WEDNESDAY  
 0100-0115 \*KCOG Ia 1400 T  
 0200-0220 WTHB Ga 1550 T  
 0215-0230 WFBF Fl 1570 D

THIRD THURSDAY  
 0030-0045 \*WNMT Tn 1520 TM  
 0210-0220 \*KDRJ Mt 1400 T

THIRD FRIDAY  
 0010-0025 \*WFOY Fl 1240 T  
 0030-0045 \*WAFG Va 900 T  
 (after 3rd Th)  
 0045-0100 \*WTON Va 1240 T  
 x 0100-0115 \*WBNJ NJ 1360 T  
 WBBK Ga 1260 D  
 WLYB Ga 1250 T  
 WKYZ Tn 1250 T  
 0130-0145 WTNE Tn 1500 T

\*\* 2nd Sat & 2nd Sun, are out of order and appear at end of list

THIRD SATURDAY  
 0200-0215 \*KSRC NM 1290 T

THIRD SUNDAY  
 0130-0145 \*KWKY Ia 1150 T

FOURTH MONDAY  
 0330-0345 \*KLTZ Mt 1230 T  
 0600-0615 KORK Nv 920 T

FOURTH TUESDAY  
 0015-0030 \*WAHT Pa 1510 T

FOURTH WEDNESDAY  
 0110-0125 KPEL La 1420 T  
 WCOV Wi 1290 T

FOURTH THURSDAY  
 0035-0045 \*WMSL Al 1400 T  
 0115-0130 \*KWFA Tx 1500 T

LAST MONDAY  
 0115-0130 \*KPUR Tx 1440 T  
 0200-0215 WNBK Tn 1600 T

\*\*SECOND SATURDAY  
 0110-0120 KNBI Ka 1530 T  
 0220-0230 \*KBLL Mt 1240 T  
 -0245 \*KBRR Co 1230 T  
 0400-0415 WSIP Ky 1490 T

\*\*SECOND SUNDAY  
 0030-0045 WKIC Ky 1390 T

ALL OF THE PRECEDING CHECKS WERE HEARD BY NRC MEMBERS DURING THE 1969-1970 DX SEASON.

*R/E*

AND SOME ADDITIONAL CHECKS ....

FIRST FM- 1390 WEEB NC 0115-0130 T (change)  
 FIRST SAT AM- 1170 WWLE NY 0020-0045  
 SECOND TuM - 1320 WEEB VA 0015-0030 T  
 THIRD Wm- 1130 WDM Tn 0215-0230 T  
 Fourth MM- 780 WBBO NC 0000-0015  
 FOURTH SAT AM- 1270 KIML WY 0230-0245 T (change)

INFO APPEARING IN R/C SUPPLEMENT LIST MAY BE REPRINTED BY ALL CLUBS AS THEY SEE FIT. CREDITS WILL BE APPRECIATED, BUT NOT EXPECTED.

ALL OF THE FOREGOING EIGHTY-ODD CHECKS WERE HEARD BY MEMBERS OF N.R.C DURING THE PERIOD FROM 6/1/69 THRU 8/1/70. MANY WERE REPORTED AS ET'S, OR WITH INCOMPLETE INFO. MISSING DATA OR CONFIRMATION OF STATUS OF CHECK WAS ACHIEVED EITHER BY THE DX'ER OR THE EDITOR CROSS-CHECKING WITH N.N.R.C. & I.R.C.A. LISTS, BUT ALL WERE INDEED HRD. BY N.R.C.

\* \* \* \* \*

In order to keep the NRC f/c list as up-to-date as possible, we ask that you also report all checks NOT HEARD by you which are locals, semi-locals, or otherwise things that there's no doubt you'd hear if they were on. Many listed checks are carried forth long after discontinuance, and we should endeavor to correct this problem.

Also: We realize that on at least one major f/c list, lists supplied by monitoring companies are used as sources. In that many of these checks are not formal, and are merely measurements taken during the station's RS although at a specific time, the value of such lists, unless clearly indicative of which checks are formal and which are monitorings of RS are of dubious value. As a result, DDXD would have no use for lists from monitoring companies unless so annotated. For obvious reasons, we'd like to eliminate all non-formal and/or discontinued checks from our list.

FINALLY, a bit of commentary on the objectives of this column as edited by me: I believe that the purpose of this column is to be of the most assistance to the most DX'ers, regardless of affiliation, and as such all information presented herein is open to use by ALL DX'ers.

JOHN HOOGERHEIDE - Marquette, Michigan

WCVS-1450 "The Voice of Springfield" noted @ s/off, 1:15, said 6 s/on for new log. Some LAs in this AM: 760 830 870 880 & 1200k, but still too early in the DX season for any IDs. Another 2-3 weeks & these should be up many DBs in power. WLLL-930 Lynchburg, Va. w/OC & ID @ 1:45 saying "on the air for test purposes only", did not use TT, a powerhouse o/WKY. 9/28- After two weeks w/no DX I set alarm for 3am. Cery fine CX prevailed. I noted 1220 clear as a bell for first time in about two years after 2; Also WGST was tearing up 920k, so CKCY must have been off. 1420 was a real mess after being so nice & clear last year on MMs except for the New Bedford station. WWL back on 870 on RS by 2:30; was off earlier. A loud rr on a test on 990 s/on @ 2:30, off abruptly @ 2:35 in middle of song & no ID of course. It was WHK back on AN-7 RS on 1420 @ 2:45. WPOW-1330 @ s/on 3:53 w/SSB, weak u/WHOT. HJKC-850 @ 3 s/on - a real powerhouse announcing as Caracol. Maybe off AN as 850 clear as a bell till then. A couple of testers on 1380 @ 3:25, one WTCB Winston-Salem w/ID @ 3:25 for new log; 3:28 "This is WAMS in Wilmington, Del." ID unkn. CKLC-1380 Kingston s/on GSQ @ 5:57. TT on 1470 5-5:15 was WJDY in Maryland.

BRUCE BENNETT - 82 Norman Lane - Livittown, New York - 11756

Hi to all BCB DXers. I just joined the NRC so here is an intro. I'm 15 years old, in tenth grade & attend W. T. Clarke High School. I have been DXing since 11/69. I am interested mostly in Domestic DXing, & have belonged to IRCA for about a month. I now use a Lafayette Guardian 5000, but wish to get a Realistic TRF soon. My totals so far are about 215/80, 24/23, 3/3 provinces, 2/1 countries. My two foreign stations are PJB (verified) & CMQ in Cuba. My best veries are WBAP Ft/Wroth & WFAA Dallas. Other good veries are CKLW WHO WQWO WBT KMOX & WSM. I collect radio surveys & SCs. As yet I don't have any to swap. I also tape stations heard & have 120 on tape. My Monitor calls are WDX2RMJ & my CB calls are KQD-7684. 73s & best of DXing. (Welcome to the NRC, Bruce, and we hope you'll be in these pages often! Double spacing'd be appreciated! -ERC)

KEN LYON - 9415 Goodrich Road - Clarence Center, New York - 14032

I wanted to make the Convention this year but just couldn't make it due to lack of money. I did go to a get-together at Fred Osterman's house a week before though & saw Wayne Heinen for the first time in many moons. The NRC Log is the GREATEST, well worth the money. SW DX has been great this Summer, & I expect to do some this Winter along w/BCE. Scattered DX to date: 8/31- WKTE-1090 came in rather poorly 2:02-2:28am. There was a very severe thunderstorm that AM causing bad static along with WVIC-1080 & WKYC-1100 testing. KFAB-1110 heard u/ WBT w/an ID @ 2:30am. 9/4- WFIR-960 heard s/off @ 12; KFVS-950 heard f/c-TT as usual 12-12:15am, WABJ-1490 heard 12:10-12:35am on top of the pile, heard many times before but no report, WPHG-980 heard f/c-mx 1:15-1:30 quite weak. 9/15- WFAW-940 not heard on TEST, only WBEH slop & WBBF. Veries this Summer include many from f/ups & WKTE v/q, WABJ v/l. CU later.

DAVE SCHMIDT - 44 Green Lane - Green Ridge, Pennsylvania - 19014

Well, the Terror of Green Ridge is back again! This time w/DX to report, as follows: 9/12- WCIW-1550 4:43-4:55am w/good signal. I noted strong OC on 1170 all day as early as 9/22, & on 9/26, I did it as WHLW, Lakewood, N.J. (more coming on that). MM 9/28 (my first in two years): WCBG-1590 on f/c 11:03-11:14pm EST through WEEZ (one mile away) & an ET from WTTI-1530 11:59 till 12:11 tune-out. I've got the above reported; no veries to report of now. OK, info on new WHLW-1170. As of now, they are running 1kw non-DA w/OC & IDs for POP. In a few more weeks, they will go w/5kw. & tune up the FOUR towers. They'll be putting about 70 mv/m this way then. RS should start around 11/15. All info via phone call w/shocked engineer after I told him where I was, hi!) Be watching for them when they go 5kw in the early AMs. Also since I've gone to WSER, veries have been sent to all the reports I had, so send me a f/up if you haven't gotten one. We will be testing on MM 10/12 from 1:30am on, so be watching! Phone is 302-737-2205 or 301-398-3883 if you wish to call (not collect, though). I'll be on at the time hopefully, hi! Good Grief Dep't: WABC-770 was off MM 9/28 @ lam! What a horrible way to run an AN-7 station! Good night y'all!

1110 WKEG Washington, Pa. R3 c/w

1170 WHLW Lakewood, N.J. day OC w/1 kw

1590 W G A Y Grayling, Michigan

THE N.R.C. DOMESTIC LOG IS THE GREAT THING TO HAPPEN TO DX SINCE THE INVENTION OF THE RADIO!

LARRY E. BLACK - 4917 Malibu - Bloomfield Hills, Michigan - 48013  
DX in the Motor City: 7/30- KGM0-1550 Mo. f/c in after semi-local CBE s/off. 8/1- CBJ-1580 Que., an FF station. I used the IRCA FF report w/ good results, a quick verie. 8/3- WIMA-1150 O. in o/WCEW. CKPC-1389 Ont. & WPHM -1380 Mich. both fought for the frequency. CJKL-560 Ont. o/WIS. 8/5- We left on our vacation to Vranson & St. Louis, Mo. - 88 new stations logged. 8/28- WTAR-790 Va. w/severe sloopover from CKLW. 8/31- WADA-1390 N.C. s/off o/WNUS/WFBL, no verie yet. WSBA-910 Pa. after WFDF s/off. CKCK-920 Sask. good to hear again. They have a nice verie. WKTE N.C. TEST in on clear channel 1090. CKWV was off when CKY-580 Man. came through strong, & CFCO off allowing CJET-630 Ont. to dominate. Their v/q is different. 9/3- WDBJ-960 Va. o. WJW sloopover. KQV-1410 Pa. o/WING. WQAM-560 Fla. was first from that state for me here. KSD-550 Mo. in well, KQIC-910 Okla. in w/WDFD off for unk reason. WKDA-1240 Tenn. in w/ID & WX. 9/7- KOLL-1290 Neb., WAVE-970 Ky., WCAO-600 Md. w/WTAC off. 9/15- WMMN-920 W. Va. o/CKCY. WFBC-1330 S.C., WKY-930 Okla, WBEH must have been off. WFIL-560 Pa. w/ID & mx. WGBI-910 Pa. was there for most of the night. WUBE-1230 O. was good too here. WCAZ-990 Ill. f/c @ 1:15 a.m. Veries now 376. 73s.

KARL SCHULTE - 1504 Wilson Point Road - Middle River, Maryland - 21220

Greetings to all! As a new NRC member, I guess an introduction is in order. I am 30 years old, married, two girls and a boy. I am an insurance agent for Monumental Life (an ideal occupation for a DXer, no set time to get out of bed). I have been DXing about four years, domestic BCB the last three. Nothing spectacular in the way of veries or states verified, best verie I guess, would be KFI Los Angeles early Summer this year. One tip I might pass on, for what it's worth. I always include my geographical location when reporting to stations. I have had several favorable comments from stations on this. It usually goes like this: Middle River is approximately eight miles East of Baltimore, on the western shore of the Chesapeake Bay, N39° W76° 26', seven feet (measured) above sea level. Equipment here: HQ-140-AX (recently acquired), Lafayette HA-700 (a piece of junk as far as dependability goes, but so far it equals the Hammarlund on BCB), and an old Hallicrafters S-40. Antennas: 66' LW N/S, 62' LW E/W, both 25' up. 36" flat-top loop, & a 36" spiral loop, all coax fed through a homebrew switchbox. I am able to run all rigs at the same time using any single or combination of antennas. I have been an NNRC member since '67, & served on their CPC in '68, Board of Directors & CPC this year. DX the past few months has been slight indeed. (Times I usually get WPTF u/local WCEM. Best night of all was 6/30. KRMC-740 @ 12:10am (verie in nine days), KFI-640 o/CMQ (Cuban off @ lam every Tuesday) verie in 23 days, WJFK-1500 @ 2am, & WAVE-970 @ 2:32. Record here for slowest verie - 14 months, 19 days, no f/up! WGOK-900 Mobile. I am still waiting on the NRC Log. I'm writing this on 9/14, anybody get theirs yet? I got #32 today, dated 9/5 but postmarked 9/12. Was there a bulletin between 8/1 & 9/5? (No - and welcome to the NRC, Karl! We hope to hear more from you - please double space?? -ERC)

TIM DAVISSON - 207 Winchester Road - A105 - Akron, Ohio - 44313

Hi! DX very scanty this Summer. Once nice verie I can recall: v/q- KTFI-1270 Idaho after a f/up on WCUE stationery. A little FM DXing. I'm fulltime here at WCUE. If you need the AM or FM verified, send your report to me at my house. The CE here is a nice guy but thinks answering reports is "unimportant." Please send return postage too. WCUE is RR AN-6, off 11:55pm Sunday till 5am Monday. You might try the day pattern which is much better than our night signal. FM is 96/5, 50kw. I got my NRC 1970 Log & it's very handy. Anybody trading CMs (original or Xerox) please write. Veries up to about 475. Have a good DX season, everybody! 73.



# KECK

CONCERNING VERIFICATIONS OF THE DX TEST ON JAN. 20, 1969

As many of you know, this was one of the more successful DX Tests of 1969 - at least as far as signal coverage and number of reports received by the station. About 10 reports were received and to date not all correct reports have been verified - explained as follows: Although the CE stated he would respond to all correct reports his response in 1969 was slow - perhaps partially because of the large number of reports he had to process. The CE was upon numerous occasions offered aid\* in processing these reports but his response was never positive. Then this CE left the staff of KECK- he was a student at the university.

Today KECK has an engineer willing to process DX TEST reports provided they can be authenticated (furthermore he is willing and interested in another such test which will be arranged for both the NRC and IRCA tentatively scheduled for Jan/Feb 1971). So, if you have yet to receive a KECK verie for the DX TEST, write to me ( Box 6256, Lincoln, Nebr., 68506) giving your name and address and a copy of your report(follow/up) if one is available. Do not send this info to KECK! This procedure has been discussed at length with the KECK staff and is the only one to be followed if you want another try at the 1969 DX TEST verification. The new engineer has been verifying reports as they show up among the files and records at the station. So in recent months, some reports have been answered. A search of the files at KECK and a check of the authentication tape which was an integral part of the test will be made and every effort will be exerted to ascertain correct reports and to verify them! To our knowledge the DX TEST reports are at KECK. I viewed them in the presence of the CE just after the test in 1969 and all of them appeared to be excellent.

I have tried consistently to have these reports processed by the CE and please bear with us as we begin anew to verify for this test at this point in time.

\* It is an opinion that it is good to offer such aids or services to the staff of a station either for RS-reports or for DX test-reports, but that only clerical or similar functions be performed and NEVER should the DX'er who is lending a helping hand consider it correct to sign verifications or decide upon the validity-correctness of a reception report (unless, of course, such a DX'er is a staff member of that station).

Best of DX in the 1970-71 ECR season! - FISH



## VERIE SIGNERS

A - B. Reynolds	E - R. Wood	1250	K TmM S	J. D. Strahler, CE	F	F
B - B. Winkelman	F - S. Kamp	1260	C FqR N	R. E. Wilson, PD	F	
C - J. Jankowski	G - W. Stone	1270	C HFA T	J. Bell	F	
D - J. Pinckney	H - R. Ligon		W X Y Z	R. C. Harbaugh, CE	D	
	I - E. Cooper	1290	K J E F	C. L. Bailey, M, CE	E	
		1300	K W C B	W. R. Calhoun, CE	E	
540	C BpE F	L. Forester	G	K Y N O	D. Evans	E
550	KqShD	E. Fergus	B	K BmR L	L. W. Lemwell, P	F
	K A F Y	C. Lewis, P	E	1310	W RmR	(F. A. Schultz III, E F Mrs. Billie Davis, S/MD E
560	K WqT O	R. Bowman, CE	B		K KmG E	R. E. Gilbert, CE
	C JqK L	L. Elcombe, PD	A		K Bfu Z	F. M. Muter, DoE
	W C K L	F. Jolley, DJ	I		K CqP X	W. Wright, RM
	C K C N	G. Boulay, CE	G	1320	K L A N	W. H. Sadler Jr., P, GM E
570	W KqB N	u/u	C		W R J W	H. Hunter
600	K QqG O	L. A. Bellwood, DoE	F	1350	W F L S	J. W. Poole, SM
630	KrI Dmd	D. Williams	F		W XpC L	M. Feldman
650	K OfR L	C. B. Bush, SM	F	1360	K R U X	R. Thompson, CE
670	K B O I	J. A. Johntz, GM	F	1370	K F I R	R. E. Meyers, SM
710	K IqR O	L. G. Valentine	F	1380	W L R O	R. J. Koba, SM
730	C KmL G	P. Macintosh, CE	F	1400	K Q M S	H. E. Barker, GM
740	W BpC I	D. Jones, DoE	G		K S L Y	K. Nettleton, CE
	K C M C	(B. L. Wood, M H. C. Jones, CE	E	1410	K P A M	Candy Ettlin
770	W A B C	W. H. Loyd, CE	E	1420	K Y N G	P. F. Waters, M
780	K S P I	W. Platt, SM	B	1430	W I R E	G. W. Trout, CE
790	K F G O	G. Thompson, M	E	1410	CfK VmN	J. Wiebe, Stu E
850	W K I X	F. E. Haupt, CE	D	1420	K S T N	E. Dee, CE
870	W HqC U	L. T. Boeum	C	1440	W R O K	D. Peacock, CE
900	W FmI A	R. Manship, GM	F		W E Z J	K. Buck, CE
	C JfV I	M. G. Doyle, CE	F		W C D S	J. Wayne
920	K G A L	T. A. Conboy, CE	E	1450	K A W T	G. Duncan, SM
	W GqS T	u/u	C		K D X U	L. J. Miner, GM
	K QmI O	B. V. Ziemieski, CE F	F		K L M X	G. T. Jones, M
930	KqS EmI	H. H. Fletcher, GM F	F	1460	K OfN E	C. Anderson, CE
	K EmW Q	D. Barnett, M	F		KfD QmN	B. Barron, PD
	W S L I	C. A. Perkins, CE	F		K B R Z	R. Griffin, GM
940	W IqN Z	W. Fletcher, CE	C		K I R L	M. Rice, GM
960	K MqA	D. E. Burchter	B	1470	W O H O	R. R. Sowers, CE
	K FpL N	R. Lyson, CE	G	1480	W A B B	J. D. Rabe
980	W R C	J. G. Rogers, M, TQp B	E		K RfE D	P. Hoff, VP, M
	K CnT Y	Toni Horton, S, Ekpr E	E	1510	K I R V	C. Lambert
990	W W D A	J. S. Hughes, GM	G	1540	K PmO L	F. Cherny, CE
	K N I N	E. O. Bell, CE	E	1550	K R G O	J. Clayton, CE
1010	C B R	L. C. Bailey, TD	E		K Epd D	L. Cobb, CE
	K L R A	B. Perry, CE	F		W RPi Z	I. J. Geher, CE
1035	4 VqE H	Mrs. K. Reynolds, S F	F	1570	K R S A	J. Sharp, NxD
1090	W M U S	T. R. Achterloff	G	1590	W G R Y	J. D. Marr, CE
1110	W S F W	(Mrs. Helen Croker, TM C R. Martin, AM	I		K L I V	B. V. Ziemiesku, CE
1120	W UpS T	W. Adams, CE	G			
1130	W IqS N	R. Johnson,	E			
1180	W H A M	A. Davis, CE	C			
1190	K EqX	P. Mathew, CE	F			
1220	C K D A	F. Cole, DoE	EF			
1230	K W G	R. Rigg, CE	E			
1240	K S M A	J. Klucker, CE	E			
	K MmB Y	E. G. Norberg, PD	F			
	K D A D	J. Rivers, GM	E			

Yes, there are more on hand - please them coming, and remember, save us the trouble of re-reading the same names you see above and in recent lists by NOT sending them in again! Please use the in-between-call-letters code letters to describe the type of verie, and please list with frequency, and double space! Thank you! Gracias! Merci!!