

SPEEDX

the dx radio magazine for active shortwave listeners

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1974

world dx handicapped aid year

April

1974



Vol. IV — No. IV



KEYNOTES



THIS MONTH WE CONGRATULATE 4 NEW FULL MEMBERS

KEVIN J. DEANGELIS
LONG BEACH, CA.

BRANDON L. LOVETT
COLDWATER, OH.

R. SRIDHAR
MADRAS, INDIA

SCOTT SIGEL
OTTUMWA, IA.

Certificates of Full Membership and a copy of the SPEEDX Constitution were mailed to each of the above Full Members in March.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

DAVID C. CHAFFIN, MD. KUMBA, U.R. CAMEROON	ROBERT G. STONIER GLEN ROCK, NJ.	THOMAS KEESLING SPEEDWAY, IN.	JOHN C. MYERS JENNINGS, LA.
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ROBERT KOZIOMKOWSKI AMSTERDAM, NY.	RENEE N SCHNEIDER VAN NUYS, CA.	EUGENE M. SHANK LOS ANGELES, CA.	F.R. HOWARD LA MIRADA, CA.
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WOLFGANG SCHEUNEMANN FED. REP. OF GERMANY	JAMES D. THORNTON VENICE, CA.	WILLIAM CRAWFORD SCOTLAND, GB.	JOHN HALL VISALIA, CA.
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STANLEY B. JONES CRAWFORDSVILLE, IN.	FRANK J. HERMANN MON. QUE. CANADA	RALPH FAMULARO JERSEY CITY, NJ.	LARRY GARRETT CYPRESS, CA.
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EDUARDO A. RODRIGUEZ
GUAYNABO, PUERTO RICO.

HORACE MANN RADIO CLUB
BRONX, NY.

SPEEDX urges you to support your club by submitting your loggings to the various editors.

ADVANCE HOT-LINE SERVICE OF SPEEDX

SPEEDX-GRAM is the Advance Hotline Service of SPEEDX. The Gram is published on the 20th of each month, and is FREE to ALL SPEEDX members. If you want your own personal copy of SPEEDX-GRAM sent to you monthly, just send us a SASE for each month left of your subscription to SPEEDX. All SASE's for the "GRAMS" are to be sent to SPEEDX-GRAM Editor: John Trautschold

W174 N8926 Christopher Blvd.
Menomonee Falls, Wisconsin.
53051

Postage rates were increased in March to 10¢, 13¢ for airmail. All current subscribers to the "GRAM" should send John the extra 2¢ per envelope to help defray the extra costs of mailing. A TIP if you missed the dead-line to the magazine column, send your HOT DX logging to the "GRAM" Editor. Support the "GRAM" and SPEEDX.

SPEEDXTRAS CHANGES ADDRESS

The Projects Division of SPEEDX, SPEEDXTRAS has moved to 2318 So. Laurel Port Angeles, Washington 98362. The following SPEEDX publications and supplies should be ordered from Art Glover at the above address:

WORLD UTILITY DX HANDBOOK: Compiled and edited by Steve Handler and Paul Mayo. Over two hundred pages of data for the Utility DXer. \$ 6.95 to Full SPEEDX Members \$ 7.95 to others.

continued on next pg.

Publications and supplies continued.

US COAST GUARD DX HANDBOOK by Dave Curvin and Jack White. 24 pages of DX details including a roster of USCG vessels, the techniques for monitoring Coast Guard search & rescue activities. \$ 1.50 (\$ 1.20 to Full --- SPEEDX Members)

REFERENCE LEAFLETS: Small pamphlets prepared to provide the DXer with an easy quick reference to material not normally found in other sources. RI-1 SIMPO Language Aid (White)
RI-2 Embassies Located in Washington DC. (d'Adolf)
Reference Leaflets are available to Full SPEEDX Members for only a SASE, all others must include an IRC with a SASE.

BASIC INFORMATION PAMPHLETS: Sometimes called "Bippies" these pamphlets are written to aid the novice SWL in getting acquainted with topics which may be considered as "too fundamental" for other outlets to present. BIPS are available to any SWL anywhere for the cost of return postage.

BIP-1 "The why and Wherefore of Verification" (Marshall)
BIP-2 "Calibrating Receivers with Sliding pointer Dials" (van Schlaft)
BIP-3 "Using the SINPO Code" (White)

SPEEDX RECEPTION REPORT FORMS: TRI-LINGUAL forms (English, French, Spanish) designed with the aid of several International Broadcasters to provide an easy-to-prepare and easy-to-read signal evaluation. These -- forms are available to active SPEEDXers only. 3 forms are available for each magazine credit point received (up to a maximum of 18 forms per month) without charge other than return postage.

"DXING I LOVE YOU" PATCH:

These red white and blue Jacket Patches may be ordered from LUNAR (AM-SSB) Club. P.O. Box 283, Bell, California 90201 USA. U.S. and Canada 60¢ post-paid. 65¢ airmail. Unused stamps accepted. Overseas: 4 IRCs via seaimail or 5 IRCs airmail. Currency accepted at the present International Exchange rate and must equal the following U.S. currency: Seaimail, 70¢--Airmail 85¢.

FOR SALE

Complete Radio Teletype setup. Suitable for use in your home as mentioned in the article "RTTY DXING" appearing in the November '73 issue of SPEEDX. Includes Teleprinter, Converter Terminal Unit and all Wires. (Receive only) Contact Brad Ianes, 33 Idlebrook Lane, Matawan N.J. 07747 for particulars.

An Allied DX-150B, less than one year old, \$ 100.00
Zenith TransOceanic, R-7000, two years old, \$ 150.00 which is about 1/2 the price of a new one. Contact Iou Leistner, 3363 Pershing Ave, San Bernardino, CA. 92405

Drake SPR-4 in excellent condition, complete with long wave, AM, Tropical and Standard SW band crystals. Will sell at a fair price, contact George Hansen, 5737 N. 4th St. Phoenix, Arizona 85012

WANT TO BUY

Would like to find a model HA-7 Crystal Calibrator for the Hallicrafter -- SX-122 that is in good working condition. Please contact, Wendell Vogel 8418 Shawnee St, Phila, PA. 19118

Need one 3035 KHZ T-4 IF Transformer for the HQ-180-A or information as to where one may be obtained. Factory no longer stocks them. Contact Jon I. Williams, 4342 C Fall Creek Parkway N. Indianapolis, Ind. 46205. Perhaps we can get Jon back to DXing again.

Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR: ARTHUR S. GETZEL - 170-40 Highland Ave., Jamaica, NY 11432

TECHNICAL ROUNDUP

EQUIPMENT, ANTENNAS, RECEIVERS,
ACCESSORIES, AND NEW IDEAS

INTERFACE NOW

by Bob Raymond, MA

I am sure that many DXers would agree with me when I say that we DXers are never quite satisfied with the status-quo. It seems that there is always something that we want to add to our hobby in order to enhance it. Quite often, these enhancements

manifest themselves in the forms of new pieces of gear or perhaps subscriptions to radio magazines. But none of these past additions to our hobby could possibly be as valuable as the latest technological breakthrough—the personal computer.

Of course, what I am saying has been said before. In fact, I am sure that the reader has read quite a bit about computers already; inasmuch as one cannot read any book, magazine, or newspaper without reading something about this fascinating piece of equipment. It is simply my desire to convey upon the reader what I have discovered about the computer as it relates to the radio hobby.

I can remember when I first saw a personal computer. It was at Radio Shack before I started working for Tandy. Not only was I impressed with the machine, I was also afraid of it; certainly enough so that I dared not inquire further about it! This fear of the computer continued until I became employed with the Shack and thusly charged with the responsibility of actually SELLING IT! My fear soon turned to confusion and then to awe of those people who actually knew—unlike this writer—how to make the computer do more than just print incessantly on the screen: "HI I'M THE TRS-80 MODEL I COMPUTER... PLEASE BUY ME!".

However, after selling about fifty computers and after the company wisely mandated the in-store business use of the Model III computer, I finally developed a serious interest in computers and decided to purchase a color computer—three months prior to that inevitable price cut! And that is where all the fun began!

There are many benefits gained by the use of the computer in the DXer's shack. The most important benefit is that programming one is a hobby in and of itself. All personal computers are programmable in the BASIC language which is the easiest to learn and use. The language's name is in all actuality an acronym which stands for: Beginner's All-Purpose Symbolic Instruction Code. It is a very powerful high-level language that is not limited to beginners since many experienced programmers utilize it. Be that as it may though, for it is more than sufficient for our purposes!

One of my highest recommendations for the computer's use in the radio shack is in its capacity as a data base manager. One can program the computer to store and sort through a shortwave radio log for instant recall of stations received as well as for pertinent data concerning countries heard or verified. A program like this would be invaluable especially if one were to want to know, for instance, if a particular station had been previously received.

The computer's usefulness does not stop with the data base manager. For example, a recent addition to my library of self-written programs is one that creates a reception report. With this program, all of the common text—that which would normally be present in any report—is in the program already. All one has to do is to enter the pertinent information concerning the station received and order the computer to print the report. What separates this from regular report forms is that, given the computer's power to add string variables (letters to which alpha-numeric data are assigned) to others, the station's name can be intermixed with the pre-existing text. This, of course, generates a reception report that looks as if it were written exclusively for the station receiving it! A nice, personal touch which might lead to a QSL!

This is not all that this program can do though! It can print the same report in other languages with the exception of the program details section, this part must still be created by the writer. Lastly, the program generates a SPEEDX report form that can be



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

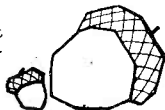
BUZZZZZ WENT THE ELECTRIC MIXER (or "How Do I Rate Wife-produced QRN?"):

The concentration was tremendous. Beneath the headphones the anatomical audio sensors were acutely tuned to the measured verbiage just beginning to break through the hash. Volume and sensitivity were cranked up appropriately. The transmission hung precariously between "O-1" and "O-2". It was on the verge of intelligibility. Would program details soon be in my grasp? Would a fragment of identification bless my ears? BUZZZZZZZZZZZZ! My skull reverberated with this untimely and stentorian sound which had threatened to rob me momentarily of my senses. After removing the phones and crawling painfully into the kitchen what should I see but the little woman happily operating her electric mixer. If it isn't already too late O thou seeker of rare DX, be thou forewarned!...for this syndrome can be equally effective when applied by vacuum cleaner, blender, drill, saw, or the pump for your neighbor's swimming pool...



ACORN FROM OAKDALE:

It wasn't until the recent rash of gasoline price increases that we began to realize what was meant by the term "high octane"...



FIRST ANNUAL DX STREAK-IN AND COVER-UP: The Metropolitan Area DXers gathered on the campus of Concordia College on 24 March for what had been billed as the world's first DX "streak"...however, Mother Nature...perhaps in self-defense...unleashed some of her colder elements and, instead, the group of nine settled for the pursuit of more noble subjects like Arabic music and the Pequot-Mohegan language. Conversation later degenerated further into fervent discussion on the convention outline for ANARC '74 which these principals will be hosting during the early weeks of July with picturesque Bronxville as the site. Have no fear about the convention arrangements...for after all, any group that upon his arrival at the meeting gives your editor the world's first absolutely silent standing ovation can't be all bad...

PIRATE TREASURE: If European pirate broadcasting stations fascinate you then perhaps you'll be interested in a brochure published by an entity called "Free Radio Campaign Holland". The brochure lists slides, tapes, LP records, books, T-Shirts, and posters of these pirate radio ships along with mention of tours to these crafts planned during '74...for further information write to F.R.C. Holland, in care of J.Verbaan, P.O.Box 9460 in The Hague, Holland...

NEW RADIO NEDERLAND ROLE: The skyjacking of that KLM jumbo Jet a few months ago involved an international broadcaster. The guerrillas had required that their demands be replied to via Radio Nederland. The signals were good enough to reach them, fortunately...and the hostages and plane were released without injuries. Does this mean that Hilversum is the favorite of skyjackers too???

ANARC INSIGNIA CONTEST: The Publicity Committee for the Association of North American Radio Clubs is searching for an emblem. Any logo/design ideas should be forwarded for immediate consideration to Steven P.d'Adolf at P.O.Box 748, Nekoma, North Dakota 58355.

LOCAL VARIATION ON AIR POSTAGE MAY BE HOAX:

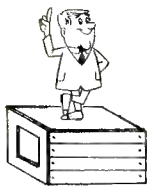


UNITED STATES AIR MAIL

Some confusion, even at local post offices, does exist concerning the new air mail rate for items addressed to Latin America and the Caribbean... A survey of various post offices in your editor's area indicates the twenty-one cent per half-ounce rate is favored over the previously...and erroneously...listed eighteen cent levy by a tally of 7-2 with one abstention. This will give you the long-denied opportunity to apply those red-white-and-blue air mail stamps with the huge "U.S.A." emblazoned on its face...thus guaranteed to attract the attention of any curious Bolivian postal employee and subsequently place the safe arrival of your envelope at its intended destination in serious jeopardy. Solution next month...

YOU'RE NOT LIKELY TO HEAR IT ON DEUTSCHE WELLE, BUT... even in this day of thespian-turned-politician achievement on stage does not necessarily guarantee success in the political arena; For in the German village of Oberammergau Helmut Fischer, who acted the part of Jesus Christ in the 1970 Oberammergau Passion Play, and Martin Wagner, who played Judas, were elected to the town council. However, Beatrix Schwarz, who played the Virgin Mary, ran for the council but failed to win a seat. Was there no room in the "in's"?





The SOAP BOX

A DIVISION OF "DX MONTAGE"

Moderator: *Glan W. Brooke*

Considerable comment has been generated to the question posed by Serge Neumann in the last "SOAP BOX" of 1973 concerning country counting of SSB stations carrying program material.. this edition of "SOAP BOX" contains a quartet of replies from highly respected DX enthusiasts, including a conclusion from the originator of the discussion...



*** MEL HICKMAN (Washington):** "...in the light that certain SWBC stations are experimenting with SSB, I think the question posed should cover all stations normally used for purposes other than broadcasting who transmit news, weather, and/or music... The answer may lie in the intended audience of the broadcast. If the broadcast is intended for a limited, very select group of people, then one could rule against counting it toward SWBC totals. On the other hand, if the broadcast is for anyone who hears it, then there is no reason it should not be counted... It would have to be a very fine line that divides countable from uncountable... To be completely fair about the situation, one has to consider a whole slew of stations including VOLMETs, time stations, USCG Notice to Mariners, LF weather broadcasts, etc., in addition to ARO stations and the like..."

*** ROBERT FRENCH (Maryland):** "In the quoted version of the question it is not clear whether Mr. Neumann is talking about broadcast stations only or whether he is talking about total number of countries logged/verified. Not finding any restrictive modifiers in the quoted material, I take the view that he is talking simply of total countries logged/verified... If this interpretation is correct, I would state emphatically YES to counting single side-band emitters in regard to country credit. I see absolutely no relationship between type of modulation used in the transmitter and geopolitical entities which we term countries... I personally feel that, if the geographical location of the source of electromagnetic radiation is known, the reception of same should count as a country logged, and if a verification can be obtained from the authority having immediate cognizance over the source of said electromagnetic energy than credit for verified countries should be allowed; without any regard to type of modulation employed or frequency of signal. Not only should AM voice transmissions be counted, but I also would count unmodulated carriers, on-off keyed emissions (whether Morse code, PCM, FDM, or other pulse modulations), facsimile transmissions, television transmissions, frequency modulated voice, etc., also, the baseband semantic content should have no bearing on the validity of the logging; a noise-jammer (if reliably identifiable) should count just as validly as a SWBC station broadcasting in English. In fact, I even consider it valid to count a logging of the planet Jupiter if the noise-like signals are: a) demonstrably coming from the direction of Jupiter, and b) are of a character of signals previously documented as having originated from Jupiter. In summary, I say count the station for credit with respect to countries if you know where it is located; don't try to bring anything other than geography and political boundaries/administrative control into the definition of a country! Frequency and modulation do not a country make!"



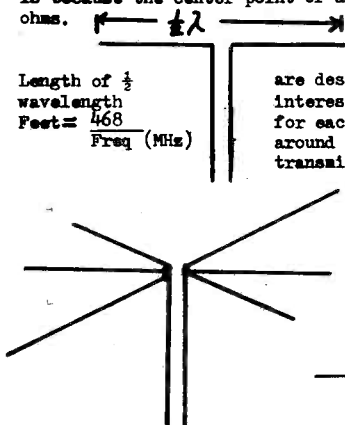
*** AL SIZER (Connecticut):** "...the fact that a transmission is in single side-band or not is not the crucial criteria, but the intent of the broadcast. For whom is it intended? A general audience or just an engineer at another studio? But all these matters eventually come down to arbitrary rules that are adopted to regulate a game. Why don't three foul balls constitute an out in baseball? Simply because some rule-makers have decided they do not... without rules there can be no game. Whatever the most fans want should govern... in a hobby as well as a sport..."

*** SERGE NEUMANN (Holland):** "...the mode of transmission seems less important than the intended audience of those transmissions..."

In addition to the examples listed in the December edition to help define the question... TFA in Iceland, PAQAA in Holland, and WJAM in New England... yet another example has been called to our attention... to wit, the Radio Sahara link to Villa Cisneros from Aauin operating on 4627 KHz. By the way, the ARRL Maxin Memorial Station... WJAM... mentioned in the original discussion, operates from a published schedule from Newington, Connecticut, on as many as eight frequencies simultaneously. Among its general services the station provides code practice, OSCAR orbital data, CW/RTTY/Phone bulletins. Phone segments can usually be heard near 1820, 3990, 7290, 14290, and 21390 KHz around 0100 or 0330 CUT...

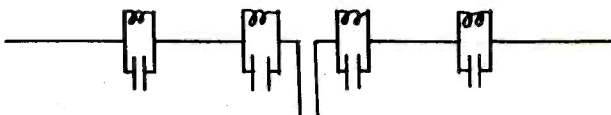
Hello, here I am again, scratching my head over this blank page. The number of questions received so far sure hasn't been enough to upset the postman.

Jim Meehan, of Berkley, CA would like to know ^{how} to put up an antenna for 49-16 meters in a 75 foot space, and can it be end fed or must it be center fed. We want to get the largest possible signal into the receiver. Therefore, although the longer the wire, the greater the induced voltage, we don't stick out the longest possible wire, and hope for the best, but choose one of the standard forms, such as a dipole or vertical which can be coupled efficiently into our receiver. A antenna is like any other source of electrical energy-it can be represented as a perfect electrical generator in series with a resistor representing it's source impedance. Maxiam power will flow in the receiver input if that antenna impedance is equal to the receiver input impedance. Also, that impedance can look like a pure resistor, or a combination of resistance and inductance or capacitance. If the antenna doesn't look like a pure resistor, maximum voltage and maximum current will flow out of phase with each other, causing a loss of efficiency. Thus, the half wave diode becomes one of the simplest and best performing antennas. This is because the center point of a length of wire one half wavelength long will be near 75 ohms.



This figure will vary somewhat with height above ground, and 50 ohm coax cable can be used as well as 75 ohm without too much mismatch. Almost all recv.

are designed for a 50 ohm or 300 ohm inputs. Not many of us are interested in only one band, and an entirely separte antenna for each band is a little awkward. There are a couple of ways around this. One way is to connect several dipoles to the same transmission line, as in the second illustration. Each element of this antenna is cut to be $\frac{1}{2}$ wavelength long for one of the desired band. The different elements only have to be separated by a few inches. The other way is to use a trap dipole such as the Mosley SWL-7, where tuned circuits electrically separte the antenna into $\frac{1}{2}$ wave segments for the different bands. I don't recommend you try to build your own.



The half wave dipole above is best center fed, not end fed. The impedance at the end is several thousand ohms; a very extreme mismatch. If it is necessary to feed your antenna from the end, it should not be connected to transmission line such as coax, but should be brought into your listening post as directly as possible, and fed to the receiver through a antenna coupler. Radio Nederland has plans for a suitable Pi-network coupler in their booklet "Give your Antenna some Air" available free, just write them and ask. Don Johnson was distributing plans for a suitable coupler at the last SCADs meeting, and most likely still has copys left. Lay a SASE on him. There have been simular couplers described in various other places. The main difference between the different designs is in the coil used, which affects the length of antennas the coupler will work with, and the lowest freq tuned. Don's was working very well with a ten foot pole which would work beautifully as a portable antenna or for an apartment dweller forbiden to erect any kind of outside antenna.

Neal Kolb wants to know why I favor the Drake SPR-4 over the National HRO-500; he also notes that after he gets good readable signals on his HQ-180 and only mush from his SPR. My HRO-500 is an old one, beat to death once, and restored to merely poor condition. (But a bargain at \$450) However comparisons against even a good HRO convinced me it can't hear anything a SPR-4 can't hear. So for \$2000 you get a SPR-4 equal receiver with full coverage, instead of selected bands as in the SPR-4. \$1500 will buy a awfully large box of crystals to extend the SPR coverage with. The passband tuning in the HRO is very nice however National doesn't put specs on their selectivity, just has "typical" curves in the manual. It's a very complex receiver; maintainece could become a problem. Being transistor instead of FETs in the front end makes it very prone to cross modulation. (By now, it's a quite old design; one of the first of the solid state receivers.) It does have fewer spurious responses than the SPR-4, because of the excellant internal shielding. It does have a built in calabrator. It does not have a built in noise limiter or blanker, or provision to add one.

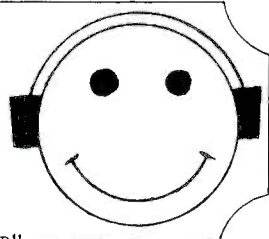
73% John



HAP PENINGS

HANDICAPPED AID PROGRAM

GENE MOSER - HAP DIRECTOR
6805 Woodland Court
Coloma, Michigan 49038 USA



"1974 WORLD DX HANDICAPPED AID YEAR"

PALS CHAIRMAN TED POLING has been instrumental in training Edward "Ted" Hindle, HAP-18, in the operation of our first Regional Office. What's unique is the fact that Edward is in England! HAP is the first hobby project to have a physical, operating office in another country. Edward will work with all HAPeers in England, Scotland & Ireland. He will in effect be a "mini-HAP", offering the services we have provided for over 2 years. I have appointed him Executive Director for his region. Congratulations Edward!

S P O T L I G H T

With pleasure I now present MDXC. This is a group of radio enthusiasts from Minneapolis & its suburbs who have formed the MINNESOTA DX CLUB, "The Loon State DXers". Monthly meetings are held at members homes. The club was formed to promote SWling in their area, w/hopes for St. Paul & suburbs to join their efforts. 8 DXers began MDXC in early 73 & that has lead to a rapid growth resulting in application for ANARC affiliation. They joined HAP last year to help the disabled become interested in our hobby. MDXC charges no dues & publish no bulletin. Basic aims are to help DXers, have a good time, & discuss radio as a whole. Any Minnesota DXer who would like more info write: Jim Peterson, 3217 Halglo Place, Minneapolis, MN 54422 or Larry Lundberg, 2824 56th Ave. No., Minneapolis, MN 54429. Join the action team, and let 'um know HAP sent you.

S P O T L I G H T

HAP TRANSLATION COMMITTEE serves all SWL no matter what club they belong to. It handles 15 languages, & you get your translation & returned verie back in 7-10 days. If you'd like a list of langs & rates, write: Bill Paschke, 855 Elm St., Beloit, WI 53511. Pse include a business size SASE or 10¢.

RED INK is not HAPs favorite color. Our BOD approved a \$661 budget which at this writing is \$386.33 in the red. We have 9 months to whittle the red into black. At our present pace the figure will be erased. Your support this year has been SIO 555! Pse don't let it end up SIO 221. Thank You.

8 NEW HAPeers have been aided this year. Other applications have been sent out. If a total of 60 new HAPeers are to be added this year a little over 6 disabled per month have to be enrolled. 1 of the 8 has requested ASWLC membership, and we fixed him up pronto!

MOSER THE DXER I logged a country I've tried 5 yrs to get. And for one who listens 10 hours a day you'd think I would have got it long ago. But HAP & a small mail order biz have nearly stopped DXing. What I'm getting at is the "joy of DXing". I took it for granted. I wonder how many others do..... The country was AIR India in EE. Now I must sweat out the QSL, Hi.

FOR SALE The jacket patch we sell cost \$1 & it looks like the HAP crest on my masthead. You can put a SMILE on your mail with a HAPpy stamp for \$2, \$3 overseas. Pse make checks/M.O payable to: HANDICAPPED AID PROGRAM.

HELP HAP HAPPEN is the slogan offered by Jerry Wood over Radio South Africa. Jerry Wood is the DX Editor there.

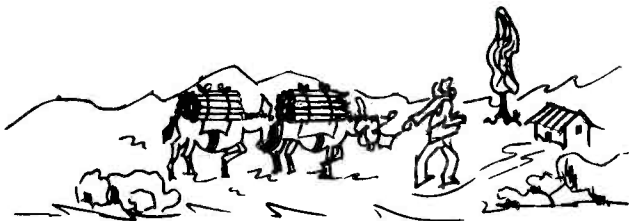
A SPECIAL GET WELL to a dear friend and I. P. B.

Gene Moser

SWBC DX - Western Hemisphere

— EDITOR —

E.J. "Jim" Whitehead
177 Pine Ridge Road
Reading, Mass. 01867



REFRAN

"Quien mucho duerme poco oye"

CVR, Venezuela's Big Little Network

Although most DXers will recognize the names TODELAR, CARACOL, Rumbos, and Super Radio, few are familiar with the name Cadena Venezolana de Radiodifusion, CVR, despite the fact its member stations are familiar names to all. This is a bit surprising since its stations dominate their 60 mb frequencies, the network uses a common QSL format, and many stations use a common postal address. We speak, of course, of Radio Lara, Radio Universo, Radio Juventud, Radio Yaracuy, Radio Barquisimeto, and the relatively new MW outlet, Radio Cristal.

The majority of the CVR member stations are located in Barquisimeto, Venezuela's third largest city. This permits the economy of combined engineering and administrative offices which is reflected in the combined postal address. Yet each station maintains its own operations staff, except for the news and sports departments, and concentrates on a slightly different program format. Radio Lara, for example, places heavy emphasis on more traditional Venezuelan music while Radio Juventud broadcasts have a heavy rock music content.

Radio Yaracuy is located in the city of Yaracuy, some distance from the centralized administration offices in Barquisimeto. As a result, Radio Yaracuy also maintains a small staff to handle day to day administration and liaison with the main office. That this is a minimum staff is, perhaps, the reason QSLs are more quickly obtained from the main office than this smaller office.

According to Technical Director, Luis M. Pick, the CVR receives about 120 reception reports per month from the United States. All correct reports are verified with a QSL. Sr. Pick advises reports may be submitted in either Spanish, English, Italian, or German and that the use of SINPO code is acceptable. Of course, return postage is recommended with either IRCs or mint stamps being acceptable.

Equipment wise the CVR has also standardized to simplify maintenance and, on shortwave, this means RCA BHF-10/B and Collins 21M transmitters with outputs of 10 kw and 15 kw respectively. The CVR's most powerful MW transmitter is Radio Barquisimeto's 50 kw Continental 317/C which operates via a $\frac{1}{2}$ wave omnidirectional tower. Three wire folded dipoles serve as shortwave antennae. In Barquisimeto, the CVR now boasts new studios, "el radiocentro más moderno", and, no doubt, the latest in broadcasting equipment. Thus, it seems that Venezuela's big little network is going to be around a long time.

BITS AND PIECES

In this month's mail Ken Earhart relays word that Radio Nacional de Brasília hopes to have a 250 kw shortwave transmitter on the air in approximately 2-3 months time. Then, they advise, if they still experience interference from Radio Japan and the VOA on 1544.5 khz, they will switch to another frequency.

Also in this month's mail is word from Don Johnson that ORF, Radio Austria, conducted two test relay transmissions via CBC transmitters in

the month of March. These tests were conducted on 6155 khz and 9520 khz from 0100 to 0157 GMT from 18 to 24 March.

Last month's REFRAN is translated "People understand each other by speaking to each other". That is what international SWBCing is all about isn't it? Got a big batch of loggings again so off to the loggings we go with the usual reminder that all times are GMT, dates are given in the month/day format, and reception conditions are reported in the SIO code.

ARGENTINA

5985 0930 LRS2 R. Splendid:Sp.w/talk, music (443,3/4;Zilmer-WI)
 6120 0405 LRX1 R. El Mundo:Sp.w/ID, Argentine tango music (343,2/25; Gianni-IL)(332,0350,2/26;Cleveland-CA)
 9690 0350 LRA32 Radiodifusion Argentina al Exterior:Eng.w/anmts,Argentine dance music (354,2/16;Vecchiola-PA)(--4,0300,2/27;Chapman-PA)(444,0405,2/21;Cleveland-CA)(544,0600,2/22;Day-CA)(444,0417,2/16;Wickett-MD)(252,0330,3/5;Radtko-CA)(433,0655,2/14; Stephenson-CA)(344,0304,3/1;Cole-MI)(333,0334,2/25;Alvord-IL)(333,0612,2/22;Zimarowski-MA)
 11710 2330 LRA35 Radiodifusion Argentina al Exterior:Eng.w/tlk on Argentine economy,tango mx (344,2/14;Turner-IL)(354,2302,2/15;Vecchiola-PA)(433,2340,2/27;Mrs. Raymond-MA)(--4,2305,3/4;Chapman-PA)(423,2138,2/28;Zimarowski-MA)(434,2340,3/4;W. Smith-MA)
 15345 1845 LRA33 R. Nacional:Sp.w/talk,music (433,2/23;Zilmer-WI)

BOLIVIA

4875 0935 CP75 La Cruz del Sur:Sp./Lang.w/nx,into Indian pgm with wild native music (343,3/11;Jones-MS)(332,0309,3/6;Cleveland-CA)(152,0955,2/17;Moore-PA)(242,0250,3/2;Whitehead-MA)

BRAZIL

3285 0920 ZYX28 R. Educacao Rural:Port.w/LA mx,ID (253,2/17;Moore-PA) Sure you didn't mean listed 3295 Don? New freq.?? ejw
 3375 0300 ZYK28 R. Olinda Pernambuco:Port.w/pop mx,ID (333,3/5;Sparks-CA)
 4807 0305 ZYS8 R. Dif. do Amazonas:Port.w/tlk over fast Brazilian mx in background,ID, more mx (443,2/12;Cleveland-CA)
 4845 0814 ZY08 R. Dif. Teresina:Port.w/Tentative logging of accordian mx, tlk,mx,nx @ 0830 (353,12/9;Earhart-PA)
 4865 0945 PRC5 R. Clube do Para:Port.w/tlks,hymn-like mx,ID (254,2/17; Moore-PA)(333,0330,2/25,w/pop mx,off at 0400;Earhart-PA)
 4887 0922 ZYG26 R. Pioneira de Teresina:Port.w/LA mx,comls,frequent IDs w/freqs.,much distortion (332,2/20;Jones-MS)
 4995 0010 ZYX2 R. Brasil Central:Port.w/tlks, ID (343,3/10;Moore-PA)
 5965 0940 ZYU60 R. Guaiba:Port.w/tlks,music pgm (433,3/4;Zilmer-WI)
 6000 0100 PRK5 R. Inconfidencia:Port.w/nx by OM,comls,mx (343,2/13;Day-CA)
 6015 0345 ZYB85 R. Clube de Pernambuco:Port.w/anmts,mx (434,2/25; Gianni-IL)
 6025 0915 ZYR63 Emissora Piratininga:Port.w/tlk,audience clapping, mx (433,3/3;Zilmer-WI)
 6085 0014 ZYB87 R. Jornal do Comercio:Port.w/mx,ads,ID (333,3/3; Whitehead-MA)
 6095 0220 ZYB7 R. Tupi,Sao Paulo:Port.w/mx,tlks,ID (333,2/23;Moore-PA)
 6135 0800 PRC21 R. TV Gaucha:Port.w/"Aqui Gaucha" IDs, ads, pop music (333,2/22;Lobdell-MA)(433,0355,2/21;Zilmer-WI)
 6155 0845 ZYN29 R. Cultura da Bahia:Port.w/ID, tlk, mx. Is NEW FREQUENCY. (443,0845,3/6;Zilmer-WI)
 6175 0120 ZYV74 R. Guarani:Port.w/IDs,tlk by OM (333,2/26;Moore-PA)
 6185 0945 ZYR77 R. Bandeirantes:Port.w/tlk,music (443,3/3;Zilmer-WI)
 9695 2330 ZYB61 R. Rio Mar:Port.w/tlk,mx (433,2/23;Zilmer-WI)
 9755 2235 ZYW23 R. Brasil Central:Port.w/mx,ID (343,2/25;Giannini-IL)
 11745 0030 ZYR65 Emissora Piratininga:Port.w/TENTATIVE reception of spts event,time pips @ 0030 (222,2/13;Agner-NJ)
 11765 0015 ZYB8 R. Tupi,Sao Paulo:Port.w/soccer match coverage,ID often given. (234,3/10;Moore-PA)
 11785v 2345 ZYU61 R. Guaiba:Port.w/pop mx,nx @ 0000,ID (333,2/10;Gus Miller-CA)(242,0205,2/26;Trubee-HI)
 11805 2309 ZYZ36 R. Globo:Port.w/ads,ID (333,3/9;Dennis-IN)
 11815 2140 ZYW24 R. Brasil Central:Port.w/ID,mx (343,2/18;W.Smith-MA)
 11865 0125 ZYB85 R. Clube de Pernambuco:Port.w/tlks,ads,music (343,3/9; Lobdell-MA)(342,0345,2/22;Cleveland-CA)
 11885 2100 ZYZ25 R. Mauga:Port.w/pop music (333,2/20;O'Shea-NY)

BRAZIL (cont.)

- 11925 0125 ZYR78 R. Bandeirantes:Port.w/pop mx, ID (333,2/18;Alvord-IL)
(223,2215,2/18;W.Smith-MA) (222,2355,3/10;Dennis-IN) (233,
0030,2/19;Gus Miller-CA)
- 11950 0230 ZYD3 R. Ministério da Educação:Port.w/cl.mx (453,2/28;Zilmer-WI)
- 15155 0015 ZYB9 R. Tupi,São Paulo:Port.w/great carnival mx (444,2/27;
Miller-OH) (433,2355,2/21;Cleveland-CA) (333,0332,2/22;Alvord-
IL) (343,2259,3/5;Nebron-CA) (343,0025,2/28;J.Smith-Jr.) (444,
0143,2/22;Agner-NJ)
- 15445 2300 PRL8 R. Nacional de Brasília:Eng.w/"105 yrs of Carnival in
Brazil" feature (343,2/23;Lobdell-MA) (343,2340,2/27;Poling-
NY) (453,0312,2/17;Wickett-MD) (322,2035,2/6;Earhart-PA)

BRITISH HONDURAS

- 3300 0445 R. Belize:Sp.w/American oldies (343,2/24;Miller-OH) Al, you sure
this not R. Cultural??

CANADA

- 6005 1650 CFCX, Montreal:Eng.w/pop mx,nx,ads (555,2/16;Mrs. Raymond-MA)
- 6045 0356 Radio Canada Intl.:Sp.w/nx,features,IS (???;3/3;Hauser-OK)
- 6070 0430 CFRX, Toronto:Eng.w/CFRB nx,spots,CFRB ID (433,2/17;Hardeste-
CA) (433,2145,2/19;Redman-IL) (432,0453,2/28;Cleveland-CA) (434,
1505,2/26;Alvord-IL) (354,1600,2/23;Moore-PA)
- 6130 0212 CHNX, Halifax:Eng.w/pop mx, ID,ads,TCs
(322,3/2;W.Smith-TN) (544,1723,2/18;
M. Raymond-MA) (322,0833,2/28;Jones-
MS) (153,1655,2/23;Moore-
PA) (544,2325,2/23;
Chapman-PA)
(333,2302,
2/16;Miller
-OH) (333,

CKWX
RADIO

1275 BURNARD ST.. VANCOUVER 1. CANADA

1432,2/16;O'Shea-NY)

CHILE

- 6135 1040 CE613 R. Universidad de Concepción:Sp.w/nx (433,2/23;Zilmer-WI)
- 6195 0934 CE619 R. Nacional de Chile (ex Corporación):Eng.w/"Voice of
Chile" pgm of nx,anti-communist propaganda,address given as
per WRTH (242,3/9;Zimarowski-MA) (333,0430,2/13;Sparks-CA)
(143,1035,3/3;Moore-PA) (433,1030,2/23;Zilmer-WI)
- 9572 2352 CE957 Emisora Diego Portales:Sp.w/ID,into nx (433,2/12;Alvord-
IL) (443,0240,2/26;Cleveland-CA) (333,0130,2/14;Agner-NJ)
- 9750 1032 CE975 R. Minería:Sp.w/TCs,IDs,ads,tlk abt junta (454,2/25;
Wickett-MD) (333,0255,2/26;Cleveland-CA) (423,0300,2/25;Jones-
MS) (343,0945,2/9;Earhart-PA)
- 15150 2345 CE1515 R. Nacional de Chile (ex Corporación):Italian w/LV de
Chile pgm,nx,IDs (242,2/27;Poling-NY) (333,2227,2/21;Alvord-
IL) (333,2230,2/24,w/Arabic;Day-CA) (433,0005,2/26;Zilmer-WI)

COLOMBIA

- 2140 0710 HJAH Emisora Atlántico:Sp.w/tropical mx, is 2x harmonic as
reported last month (xxx,2/18;Hauser-OK)
- 3280 0150 HJJU Meridiano 70:Sp.w/LA mx, ID @ 0200, heavy QRN,QRM from
R. Mara 3275 (233,2/26;Moore-PA) Don, you sure that ID?? ejw
- 4755 0402 HJKC Emisora Nuevo Mundo:Sp.w/LA mx, ID,CARACOL plugs (333,3/4;
Cleveland-CA) (444,0630,3/4;Redman-IL)
- 4775 0330 HJKW LV de María:Sp.w/TENTATIVE logging of choir mx,long anmt
in Eng. at s/off (233,3/5;Sparks-CA)
- 4785 0250 HJLW Ecos del Combeima:Sp.w/"Brazil","Besome Mucho",etc.,TC &
ID between discs (433,2/12;Cleveland-CA)
- 4845 0334 HJGF R. Bucaramanga:Sp.w/LA mx, ID @ 0335 (433,2/27;Buehler-MO)
(333,0235,2/26;Redman-IL) (343,0028,3/6;Miller-OH)
- 4855 1100 HJFV R. Neiva:Sp.w/"Musica en el Campo" pgm,ads,IDs (333,2/22;
Lobdell-MA) (333,0415,2/12;Cleveland-CA) (354,2/22;Moore-PA)
- 4865 0730 HJLZ LV de Cinaruco:Sp.w/Colombian vocals,CARACOL IDs (333,3/4;
Redman-IL) (233,0140,2/22;Moore-PA) (332,0340,2/27;Cleveland-
CA) (444,0600,2/18;Turner-IL)
- 4885 0230 HJIG Ondas del Meta:Sp.w/LA mx, ID @ 0230 (323,2/25;Jones-MS)
(344,0405,3/9;Moore-PA)
- 4915 0315 HJSG R. Guatapuri:Sp.w/mx,IDs,TCs,no ads (344,2/24;Moore-PA)
- 4945 0350 HJDH R. Colossal:Sp.w/ID,music (433,2/18;Alvord-IL) (443,0320,
2/15;Cleveland-CA)
- 4955 0328 HJCO R. Nacional:Sp.w/ID,classical mx (333,3/9;Nebron-CA) (434,
0301,2/27;Buehler-MO) (434,1000,3/11;Jones-MS) (444,0447,2/16;
Lovett-OH) (433,0030,2/16;Redman-IL) (444,0900,2/18;Agner-NJ)

COLOMBIA (cont.)

4965 0630 HJAE R. Santa Fé:Sp.w/LA mx, ID (153,2/24; Dawson-CA) (434,0251, 2/27; Buehler-MO) (433,0830,2/24; Wickett-ID) (333,0337,2/18; Alvord-IL) (423,0705,2/12; Stephenson-CA) (333,0435,2/16; Lovett-OH) (444,0610,2/16; Redman-IL)

5035 0315 HJIC LV de Caquetá:Sp.w/ID,TC,Argentine mx (322,2/14; Day-CA)

5075 0950 HJGC R. Sutatenza:Sp.w/nx, ID (444,2/15; Eichenhorn-MI) (444,0330, 2/17; Redman-IL) (433,0310,3/2; Nebron-CA) (434,0340,2/21; Alvord-IL) (434,0202,2/27; Buehler-MO) (454,0228,2/20; Cleveland-CA)

5095 0150 HJGG R. Sutatenza:Sp.w/LA mx, some QRM (434,2/27; Buehler-MO)

5950 1020 HJ?? R. Super de Medellín:Sp.w/mx,tlk, Super Radio IDs (443,3/7; Zilmer-WI) (333,0244,3/4; Buehler-MO)

6065 1050 HJAX R. Super:Sp.w/nx,LA mx,mention of "hora Super" (333,2/28; Gelfand-NY) (343,0400,3/10; Radtke-CA) (433,0820,2/20; Redman-IL) (333,0515,2/13; Alvord-IL) (344,0445,2/15; Moore-PA) (444,0807, 2/24; Wickett-MD) (434,0412,3/8; Cleveland-CA)

6085 1016 HJTF Ondas del Darién:Sp.w/LA mx,TC (333,2/28; Jones-MS) (254,1130, 3/3; Moore-PA) (443,1000,2/26; Zilmer-WI)

6095 1300 HJIW LV del Centro:Sp.w/news, ID (152,2/18; Moore-PA) (322,1012, 2/20; Jones-MS)

6115 0550 HJIE LV del Llano:Sp.w/songs,R. Super IDs (332,3/4; Day-CA) (333, 1124,2/19; Jones-MS)

6150 0445 HJ?? LV de Huila:Sp.w/pop mx,many mentions of "Super Radio" (333, 2/15; Sparks-CA) (433,0310,3/8; Cleveland-CA) (354,0445,2/23; Moore-PA) (433,1015,2/21; Zilmer-WI) (343,0530,2/22; Hardester-CA) Address per SCDX is Apartado Postal150,Neiva, Huila

6170 0130 HJ?? LV de la Selva:Sp.w/LA mx,IDs every 10 mins (322,3/7; Gus Miller-CA) (433,1045,2/23; Zilmer-WI) (333,0915,2/19; Jones-MS) (344,0440,2/24; Moore-PA) QTH is Florencia, Caqueta.

15135 1644 HJZP R. Nacional:Sp.w/cmtry (233,3/10; Cole-MI)

COSTA RICA



CARACOL
PRIMERA CADENA RADIAL COLOMBIANA S.A.

4832 0253 TIHB R. Capital:Sp.w/TCs, IDs,mx (333,2/27; Wickett-MD) (333,0348, 2/18; Alvord-IL) (454,0530,2/18; Sparks-CA) (444,0545,3/6; Redman-IL) (333,0317,2/27; Buehler-MO) (444,0530,2/18; Turner-IL)

5954 1115 TIQ R. Casino:Sp.w/tangos,IDs (153,2/17; Moore-PA)

6006 1055 TIHB R. Relci:Sp.w/anmts,TCs,nx (433,2/28; Gelfand-NY) (444,0840, 2/20; Redman-IL) (544,1119,2/23; Wickett-MD) (344,0205,2/18; Alvord-IL)

6175 1210 TIFC Faro del Caribe:Sp.w/rel. pgm (333,2/23; Jones-MS)

9645 0400 TIFC Faro del Caribe:Eng.w/"Will for Life" pgm (333,3/3; W.Smith-MA) (243,0055,2/21; Moore-PA) (333,1445,2/12; Earhart-PA)

CUBA

9525 0755 Radio Habana Cuba:Eng.w/release to WCNA (444,2/24; Wickett-MD) (544,0700,2/12; Gaede-CA)

9550 0430 Radio Habana Cuba:Sp.w/nx, ID & ID (333,x/x; Eichenhorn-MI)

11715 0228 Radio Habana Cuba:Sp.w/LA mx,IDs,tlk (434,2/28; Zimarowski-MA)

11760 0400 Radio Habana Cuba:Eng.w/trlk on exploitation of women (353,3/5; Radtke-CA) (555,2215,2/21; Wickett-MD) (555,0004,2/27; Smith-NY)

11910 0100 Radio Habana Cuba:Eng.w/nx,YL & OM ancrs (444,2/12; Turner-IL)

15140 2040 Radio Habana Cuba:Eng.w/LA mx, ID, is release for Europe (554,2/16; O'Shea-NY) (323,2035,2/24; Yajko-PA) (343,2040,2/8; Earhart-PA)

17735 1800 Radio Habana Cuba:Fr.w/"Voice of Vietnam" (232,2/16; Eckman-NB)

17855 1805 Radio Habana Cuba:Fr.w/pgm // 17735 (333,2/16; Eckman-NB)

DOMINICAN REPUBLIC

3215 0130 HIDB R. Libertad:Sp.w/spts evnt,IDs,ads (252,2/28; Moore-PA)

4783v 0204 HIAS Onda Musical:Sp.w/ads,LA mx, ID, BACK ON OLD FREQUENCY (433,2/24; Miller-OH) (333,0955,2/16; Sparks-CA) (333,0010,2/18; Alvord-IL) (433,1030,2/16; Redman-IL) (434,0202,2/21; O'Shea-NY) (433,1100,2/25; Zilmer-WI)

4881 0646 HIJP R. Comercial:Sp.w/LA mx, ID (252,2/13; Dawson-CA) (333,0520, 2/9; Alvord-IL) (222,0630,2/14; Stephenson-CA) (222,0615,2/9; Trubee-HI) (444,0625,2/16; Redman-IL) (242,0910,2/9; Earhart-PA)

4930v 0401 HIDB R. Mil:Sp.w/ID, s/off (323,2/27; Buehler-MO) (433,1100,2/16; Redman-IL) Now badly hetted by LV de la Fé. ejw

5010 0215 HIMI R. Cristal:Sp.w/Ads,LA mx (333,3/3; Miller-OH)

9505 0159 HISD R. TV Dominicana:Sp.w/ID,nx, x pgm (322,2/20; Day-CA) (433, 2242,2/18; W. Smith-MA) (433,2235,2/10; Alvord-IL)

GUATEMALA (cont.)

- 3360 0639 TGVN LV de Nahuala:Sp.w/election returns // TGWA,marimba mx
between repts (xxx,3/4;Hauser-OK) (322,0356,2/13;Cleveland-CA)
5955 0530 TGNA R. Cultural:Sp.w/mx pgm,ID (444,2/27;Day-CA)
6180 0800 TGWB LV de Guatemala:Sp.w/marimba mx,election returns (444,3/4;
Redman-IL) (xxx,0240,3/4;Hauser-OK) (343,0230,2/25;Day-CA)
9760 1438 TGWA LV de Guatemala:Sp.w/"TGW Deportiva" (xxx,2/16;Hauser-OK)

GUYANA

- 3290 0950 GBS Action Radio:Eng.w/music dedications,ads,ID (333,2/14;Agner-
NJ) (352,0107,2/27;W. Smith-TN) (333,0810,2/22;Eichenhorn-MI)
(322,0200,2/26;Miller-OH) (322,1000,3/1;Redman-IL)

HAITI

- 3340v 1106 4VSO R. 4VEH:Eng.w/rel. mx,tlk,IS (242,3/2;Miller-OH) (332,0000,
3/6;Moore-PA)
11835 1645 4VEJ R. 4VEH:Eng.w/"Hour of Decision" @ 1700 (322,3/3;Whitehead-
MA) (443,2240,2/13;Cleveland-CA) (222,1230,3/5;Dennis-IN) (343,
2200,2/12;Day-CA) (232,1525,2/17;O'Shea-NY) (333,1330,2/12;
Turner-IL) (444,1130,2/20;J. Smith Jr.-NY) (332,2/17;Alvord-IL)

HONDURAS

- 4820 0337 HRVC LV Evangelica:Eng.w/"Your Worship Hour",ID (322,2/16;
Wickett-MD) (22,0315,2/12;Turner-IL) (332,0335,2/12;Cleveland-
CA) (333,1030,2/26;Redman-IL)
4920 0130 HRPL3 R. Progreso:Sp.w/tlk by OM,Banco Nacional ad,Coke ad (433,
2/16;Redman-IL) (343,0240,2/15;Cleveland-CA) (333,0459,2/18;
Alvord-IL) (343,0315,2/16;Moore-PA)
5875 0300 HRN LV de Honduras:Sp.w/"Noticias Nacionales",Fresca ads (322,
3/3;Redman-IL)
6125 0545 HRQ R. Suyapa:Sp.w/detective pgm,mx,ID (433,2/23;Alvord-IL)
(353,0105,2/26;Moore-PA)

MEXICO

- 2820 0522 XEAS R. Juventud:Sp.w/mx,singing ID,TC, Laredo ad, is 2x 1410
harmonic (xxx,2/13;Hauser-OK)
2920 0329 XEYC R. Ysela:Sp.w/"R. Variedades" slogan,mx pgm, is 2x 1460
harmonic (xxx,2/16;Hauser-OK)
6105 1158 XEOM La Pantera Juvenil:Sp.w/news,ads,tlk by OM (333,2/23;
Lobdell-MA) (432,0315,2/21;Cleveland-CA) (443,1215,2/24;Zilmer
WI)
11770 2302 XERMX R. Mexico:Sp.w/IDs,mx pgm (222,3/9;Dennis-IN) (444,
0000,1/21;Cole-MI) (454,2300,3/4;Radke-CA)
15125 2302 XERMX R. Mexico:Sp.w/ID,OM tlk (454,2/20;O'Shea-NY)
15385 0136 XERMX R. Mexico:Sp.w/tlk,ID,more tlk (Agner-NJ)

NETHERLANDS ANTILLES

- 9735 0101 Trans World Radio:Eng.w/rel.pgm, is NEW
FREQUENCY! (444,2/26;Maureen Raymond-MA)
(444,0045,3/1;Zilmer-WI)

NICARAGUA

- 9580v 1325 YNTP R. Mar:Sp.w/pop mx,tlk (152,2/18;
Moore-PA)

PERU

- 3240 1050 OBX4U R. America:Sp.w/Peruvian mx,tlk (433,2/23;Zilmer-WI)
4787v 1106 OAX8F R. Atlantida:Sp.w/ID,LA mx (333,3/9;Miller-OH) (232,0230,
2/11;Day-CA) (433,1045,2/25;Zilmer-WI) (454,0839,2/25;Lobdell-
MA) (443,0442,3/5;Cleveland-CA) (333,0330,2/15;Kolb-FL)
4815 0420 OAX8E R. Samaritan:Sp.w/local mx,comls,s/off @ 0437 w/anmt,NA (333,
2/15;Kolb-FL) (353,0440,2/18;Sparks-CA) (333,2/25;Cleveland-CA)
4825 1125 OAX8R LV de la Selva:Sp.w/tlk,Andean mx (433,3/1;Zilmer-WI)
4996 0515 OAZ4C R. Andina:Sp.w/Andean mx,anmts,QRM from WWV (233,2/20;
Day-CA) (422,1040,3/7;Zilmer-WI)
5010 0429 OAX8V R. Eco:Sp.w/ad string,TC,"Al servicio de la sociedad"
(xxx,2/17;Hauser-OK) (353,0350,3/3;Moore-PA) (233,0457,2/9;
Alvord-IL) (332,0300,2/20;Cleveland-CA)
5025 1045 OAX7Q R. Quillabamba:Sp.w/Andean mx,tlk,ID (254,2/17;Moore-PA)
(343,1030,3/9;Miller-OH) ()
5040 0836 OAX2K R. Libertad:Sp.w/ID by OM,Andean mx (454,2/25;Lobdell-MA)
(343,0530,3/5;Day-CA) (343,0723,2/17;Trubee-HI) (254,1035,2/17;
Moore-PA) (332,0330,2/16;Cleveland-CA) (322,0500,2/26;Alvord-IL)
443,0815,3/6;Zilmer-WI)
5970 0335 OBX4Q R. El Sol:Sp.w/spts event (333,2/21;Cleveland-CA)



ECUADOR

- 3240 1030 HCMJ1 R. Turismo:Sp.//TENTATIVE logging of possible R. Turismo ID after Andean mx IS. Into pgm of Andean mx,YL ancr. ID mentions "la comunidad quechua del Ecuador(XXX,3/7;Hauser-OK)
- 3280 0142 HCVN7 LV del Napo:Sp.w/ID as "Desde LV del Napo en Tena", into "música romantica" (342,2/11;Cleveland-CA)
- 3325 0518 HCAH2 Ondas Quevedañes:Sp.w/Andean mx,anmts,ID (244,2/24;Moore-PA)(443,4/31,2/13;Cleveland-CA)
- 3378 0444 HCRY4 R. Iris:Sp.w/LA mx,ID,off @ 0449 w/LA(333,2/12;Cleveland-CA)
- 3390 0410 HCOT1 R. Zaracay:Sp.w/LA vocals,ID,some QRM (433,2/16;Vecchiola-PA)(233,0210,2/26;Moore-PA)
- 3985 1055 HCEB5 Escuelas Radiofónicas Populares:Sp.w/Andean mx,tlk (433,2/20;Zilmer-WI)
- 4679v 0525 HCWE1 R. Nacional Espejo:Sp.w/anmts,music (242,2/9;Trubee-HI)(433,0340,2/27;Day-CA)(232,0730,2/23;Redman-IL)(453,0510,2/27;Dawson-CA)
- 4765 0340 HCAJ2 C.R.E.:Sp.w/news report,UTE QRM (232,2/20;Cleveland-CA)
- 4770 0250 HCDW2 R. Genit:Sp.w/inst. mx,ID @ 0255 (322,2/15;Kolb-FL)
- 4780 0305 HCMQ1 R. Atahualpa:Sp.w/nx,LA mx,ID (343,3/5;Cleveland-CA)
- 4790 1121 HCVF6 R. Atalaya:Sp.w/LA mx,ID as "Ra-di-o A-tal-ay-a" (343,3/9;Miller-OH)(344,0345,3/9;W. Smith-TN)
- 4800 0530 HCEB5 R. Popular Independiente:Sp.w/Andean mx,TCs,"R. Popular" ID (332,2/20;Day-CA)(322,0410,2/15;Kolb-FL)(353,0435,2/15;Moore-PA)(343,0520,3/3;Cleveland-CA)
- 4820 1027 HCRT6 R. Paz y Bien:Sp.w/ID,Andean mx (444,2/25;Lobdell-MA)(332,1016,2/16,w/ID as "Radiodifusora Paz y Bien";Jones-MS)
- 4825 0510 HCAV3 R. Luz y Vida:Sp.w/non stop mx,ID (332,2/24;Cleveland-CA)
- 4923 0405 HCRQ1 R. Quito:Sp.w/mx,ID @ 15 min intervals,ad for Banco de Pichincha (243,2/10;Lovett-OH)(433,0335,2/9;Alvord-IL)
- 5018 0319 HCVG3 R. Centinela del Sur:Sp.w/"Ecos del Juventud" pgm (434,2/24;Lobdell-MA)(343,0405,2/15;Cleveland-CA)(354,0315,3/3;Moore-PA)(433,0235,2/28;Zilmer-WI)
- 5060 0340 HCEB3 R. Nacional Progreso:Sp.w/Andean mx (332,2/18;Cleveland-CA)
- 6080 0645 HCJB LV de los Andes:Sp.w/rel. mx (444,2/18;Turner-IL)(554,0926,2/24;Wickett-MD)
- 6130 0930 HCJB LV de los Andes:Eng.w/DX Party Line pgm, Is NEW FREQUENCY! ex 6080 (433,3/4;Zilmer-WI)(434,0716,3/4;Zimarowski-MA)
- 9560 0203 HCJB LV de los Andes:Eng.w/news (433,2/15;Yajko-PA)(333,0230,2/24;Nebron-CA)(544,0209,2/16;Maureen Raymond-MA)(433,0137,2/27;Buehler-MO)(444,0230,2/10;Gaede-CA)(434,0230,3/11;Cole-MI)(444,0130,2/17;Diprete-RI)(555,0359,2/21;J.Smith Jr.-NY)
- 9710 0620 HCJB LV de los Andes:German w/rel. tlk (434,3/7;Zimarowski-MA)
- 9715 1130 HCJB LV de los Andes:Eng.w/"Hello Dixer's" (443,3/8;Zilmer-WI)
- 11740 1250 HCJB LV de los Andes:Eng.w/"Happiness Is" pgm (444,2/15;Turner-IL)(554,1500,3/5;Redman-IL)(444,1212,2/27;Buehler-MO)
- 11745 0400 HCJB LV de los Andes:Eng.w/scripture readings (454,3/5;Radtko-CA)
- 11915 0130 HCJB LV de los Andes:Eng.w/"Unshackled" pgm (554,2/21;Fleming-FL)(333,1215,3/3;Dennis-IN)(444,0030,2/10;Turner-IL)(444,2046,2/23;Wickett-MD)(444,0155,3/4;Buehler-MO)
- 15115 0120 HCJB LV de los Andes:Eng.w/"Passport" pgm (554,2/13;Gaede-CA)(444,0145,3/6;Lovett-OH)(343,0200,2/20;J.Smith-NY)
- 17885 1929 HCJB LV de los Andes:Eng.w/"Bible School of the Air" (444,2/26;Wickett-MD)

EL SALVADOR

- 5980 0030 YSS R. Nacional de El Salvador:Sp.w/LA dance mx,ID (433,2/24;Vecchiola-PA)(333,0420,2/17;Cole-MI)(433,0005,2/27;Buehler-MO)(333,0300,2/25;Day-CA)(322,1300,2/28;Zilmer-WI)(443,0415,2/19;Cleveland-CA)

FRENCH GUIANA

- 3385 0130 O.R.T.F. Cayenne:Fr.w/operatic mx (232,2/25;Earhart-PA)(330245,2/27;Cleveland-CA)(333,0522,2/27;Eichenhorn-MI)
- 6170 0900 O.R.T.F. Cayenne:Fr.w/IS,ID,into pop mx w/YL (442,2/14;Jones-MS)

GUATEMALA

- 2200 0500 TGRS R. Superior:Sp.w/ID "viva la senal de R. Superior,lt mx,is 2x 1100 (xxx,2/13;Hauser-OK)
- 2360 0225 TGBA R. Maya de Barillas:Sp.w/classical mx,Eng. religious hymns is // 3325 (253,2/28;Moore-PA)(353,1145,3/2;Zilmer-WI)
- 2940 0400 TGRY R. :Sp.w/inst mx,off 0402,ls 2x 1470 (xxx,2/16;Hauser-OK)
- 3300 0352 TGNC R. Cultural:Eng.w/religious tlk (343,3/9;Miller-OH)(354,0525,2/24;Moore-PA)

Barillas, Huehuetenango
Guatemala, C A



Radio MAYA de Barillas TGBA

cut from the bottom of the report and then mailed to the respective editor.

Another SPEEDX-associated program I use is one that sorts my station goals for me. I prefer having my shortwave goal stations presented to me in time sequence rather than by frequency or geographical location. With my program, I simply search sequentially through each logging in SPEEDX and type in the important information for each station I need. The computer conveniently sorts through the data and presents a time-oriented goal sheet.

For the technically inclined, the computer is a great mathematician and problem solver. Formulas of importance to circuit design can be incorporated into a program for use. For the novice builder, myself included, one can even program the computer to decode resistor values.

In addition to shortwave and technical applications, I also use my computer for my ham radio interests. I possess a program, gleaned from the pages of "80 Micro" magazine, which will read and generate morse code. I also use a data base management program similar to one described earlier to generate and manipulate pertinent ham radio data.

These are just a few uses for this marvelous machine! Upon purchasing a computer, one will inevitably create his own personal applications. This is true because just as surely as the hammer is the extension of a person's arm, the computer is an extension of a person's individual intelligence.

I recommend with enthusiasm that anyone interested in radio obtain a computer. It is a very logical extension of the radio hobby and a hobby--in and of itself--that fosters personal growth, entertainment, and intellectual fulfillment.

RECEIVER REVIEW: SANYO MODEL
M7770K 4-BAND STEREO RADIO
CASSETTE RECORDER

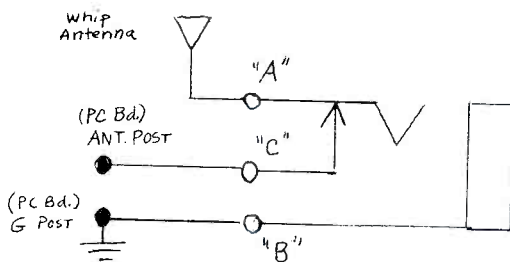
by Greg Watts, IN

The Sanyo M7770K is a powerful radio cassette recorder in a portable package. Unlike some "boom boxes" this set features shortwave reception. It is however a radio for the listener of shortwave who likes stereo too. It is not well-suited for the serious DX hound or Ute nut. The following review is based on subjective

observations, not on measurements.

The cassette recorder/player is very good. It accepts normal, CrO₂ and metal tapes. It features an Automatic Music Select System ("AMSS") which can skip sections of recorded

Figure 1. Installation of external antenna input, schematic.



tapes by counting blank spots on the tape.

The radio receives MW, FM and shortwave (2.3 to 23 Mhz) in four bands. The sensitivity seems good. The whip antenna works best if you touch it. The selectivity is at least to 5 kHz even without the fine-tuner which has a range of 5 kHz maximum. A big disadvantage is the lack of any accurate frequency readout. AM and FM sound quality are excellent with nice stereo separation. There is no provision for receiving SSB or CW modes.

There is no input for an external antenna, but one

can be installed about an inch below the tuning knob. The whip antenna connects to a post inside the back of the radio on the right side, near where the internal antenna connects to the PC board. By connecting wires to a 3-conductor, normally closed miniature jack (e.g. Radio Shack 274-296 or else a subminiature jack) and connecting solderless connectors to these wires, then mounting the jack, then pushing the connectors to the proper terminals, this omission by Sanyo may be easily remedied. (Fig. 1.)

The wires and connectors should be clear of the tuning string and not touching exposed connections as the rear cover is replaced. Remember that any damage to existing components is not covered if it is caused by careless installation of this modification.

With this radio I have the best of both worlds available in such an inexpensive portable unit. I can listen to my stereo or various shortwave broadcasters at my leisure and leave the serious DXing for my DX-160 radio.

PERU (cont.)

6010 1120 OAX4Q R. América:Sp.w/LA mx,many ads,tlk (322,3/11;Jones-MS)
 6045 0330 OCY4H R. Santa Rosa:Sp.w/ID w/harp,tlk by GH (232,2/22;Day-CA)
 (433,0332,2/19;Nebron-CA) (433,1130,3/2;Zilmer-WI)
 6115 0340 OBZ40 R. Union:Sp.w/mx,lots of tlk,freq ID (332,2/26;Cleveland-
 9505 1115 OAX4V R. America:Sp.w/Peruvian mx,tlk (433,2/26;Zilmer-WI) CA)
 9520 0450 OAX4J R. La Crónica:Sp.w/mx,chines,ID (222,2/24;Wichenhorn-WI)
 9562 1128 OAX4R R. Nacional:Sp.w/mx,tlk (433,2/23;Zilmer-WI) (333,2359,3/2;
 Poling-NY) (343,2347,2/13;Vecchiola-PA) Believe this R.N.E.
 9675 1130 OAX4L R. del Pacifico:Sp.w/ID,tlk (354,2/19;Lovett-OH) gents!
 9720 1155 OAX4C R. Victoria:Sp.w/tlk (433,2/23;Zilmer-WI) ejw
 9757 0400 OAX8W R. Sideral:Sp.w/rock mx,ID (222,2/9;G. Miller-OH)

TURKS AND CAICOS ISLANDS

4788 2136 VSI8 Radio 4788:Eng.w/news,off @ 2145 (232,2/23;Miller-OH) (213,
 2200,2/20;Miller-CA) Now that SABC has apparently gone,VSI8
 is noted here often to as late as 0045 on Saturdays with a
 request music pgm of pop mx,including a local favorite,"Mary
 Had a Little Lamb".OM DJ,amnt lists"500 watts of power" ejw

URUGUAY

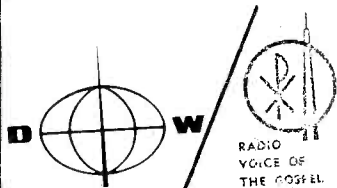
11835 2340 CKA19 R. El Espectador:Sp.w/Classical mx,ID (332,2/21;Cleveland-
 CA) (353,2320,2/24;Moore-PA)

VENEZUELA

3215 1055 YVZV Ondas Panamericanas:Sp.w/tlk,music (342,2/23;Zilmer-WI)
 3245 0230 YVKT R. Libertador:Sp.w/LA mx,ads (332,2/13;
 Cleveland-CA)
 3255 0153 YVQL LV de El Tigre:Sp.w/wild LA mx, ID (342,
 2/26;Miller-OH) (332,0250,2/13;Cleveland-CA)
 3275 0405 YVMC R. Mara:Sp.w/lt. mx,IDs,ads for Pepsi (354,
 2/16;Moore-PA) (454,0515,2/16;O'Shea-NY) (333,
 0307,2/13;Cleveland-CA) (443,1115,2/20;Zilmer-
 WI) (343,1027,2/23;Jones-MS)
 3355 0900 YVLC R. Valencia:Sp.w/tlk,ID (444,2/18;Agner-WI) Y.V.M.D. 900 Khz.
 3385 1045 YVOI R. Barcelona:Sp.w/mx,tlk (443,2/20;Zilmer-WI) Y.V.M.C. 3.275 Khz.
 354,1000,3/10;Moore-PA) 87 mts. Onda Corta
 4770 0126 YVNW R. Bolívar:Sp.w/"Happy Birthday" in Sp.,pop mx Y.V.M.Z. 9.530. Khz.
 (454,3/7;W.Smith-TN) (444,1050,2/16;Redman-IL) (222, 31 mts. Banda Internacional
 0350,3/5;Kratte-NY) (333,0215,2/14;Alvord-IL) (443,
 0318,2/16;Cleveland-CA) (443,0345,2/27;Day-CA)
 4800 0210 YVMO R. Lara:Sp.w/mx,TC,ID (443,2/25;Day-CA) (423,1030,3/1;
 Redman-IL) (433,0308,2/16;Cleveland-CA)
 4810 0326 YVMG R. Popular:Sp.w/rock mx,ID (434,2/27;Buehler-MO) (333,0320,
 2/12;Cleveland-CA) (333,0030,2/21;Redman-IL)
 4830 0205 YVOA R. Táchira:Sp.w/"Aquí R. Tachira" ID,LA mx,ads (333,2/16;
 Moore-PA) (333,0340,2/12;Cleveland-CA) (443,1100,2/26;Zilmer-WI)
 4840 0355 YVOI R. Valera:Sp.w/sign off after amnt, ID,TC,and anthem (333,
 2/12;Cleveland-CA) (232,0357,2/16;Day-CA)
 4860 0237 YVQE R. Maracaibo:Sp.w/mx pgm (333,2/27;Nebron-CA) (322,0355,2/21;
 Alvord-IL) (433,0930,2/22;Redman-IL)
 4880 0050 YVMS R. Universo:Sp.w/LA mx,ID,TCs (444,2/21;O'Shea-NY)
 4890 0200 YVKE R. Dif. Venezuela:Sp.w/rock mx,"Estacion de Alegria" slogan
 (322,3/3;Redman-IL) (443,0230,2/15;Cleveland-CA) (444,0250,
 2/11;Day-CA)
 4900 0343 YVNK R. Juventud:Sp.w/pop mx,ID (433,2/27;Buehler-MO) (444,2315,
 2/17;Vecchiola-PA) (444,0005,2/14;Redman-IL)
 4910 0003 YVNI R. Carora:Sp.w/ID as "Radio Carora,1140 en su dial",ads for
 almacen Pacheco,mx (433,3/2;Whitehead-MA)
 4930 0000 YVMI LV de la Fe:Sp.w/ID,US pop mx,amnts by YL (322,2/25;Lobdell-
 MA) (333,0000,2/24;Whitehead-MA)
 4940 0007 YVPA R. Yaracuy:Sp.w/IDs,ads,mx (444,2/25;Wickett-MD) (322,0310,
 2/15;Cleveland-CA) (343,0956,3/11;Jones-MS)
 4950 0030 YVNM R. Coro:Sp.w/LA vocals,rock mx,IDs,TCs "R.C. dar la hora.."
 (333,3/7;Whitehead-MA) (333,0230,3/7;Sparks-CA) REACTIVATED!!
 4960 0358 YVAO R. Sucre:Sp.w/ID,s/off @ 0400 (333,2/13;Day-CA)
 5050 0347 YVKD R. Mundial:Sp.w/LA mx,TC,ID, nx (332,2/16;Cleveland-CA)
 6013v 1045 YVSB R. Los Andes:Sp.w/ID as "primer lugar de sintonia",ad for
 local sps event (333,3/2;Lobdell-MA)
 6020 1015 YVWK LV de Anaco:Sp.w/Pepsi ad,rel. pgm (353,3/4;Lobdell-MA) (233
 1025,3/3;Moore-PA) (443,1000,2/27;Zilmer-WI) REACTIVATED!!!
 6070 1045 YVSR R. San Sebastián:Sp.w/IDs,ads,LA mx (333,2/26;Gelfand-NY)
 (353,1025,2/10;Earhart-PA)
 6180 1108 YVSD R. Turismo:Sp.w/LA mx,nx,comls (322,2/20;Jones-MS)



SWBC DX - EUROPE/AFRICA



Deadline: 15th
Times & Dates: GMT
Frequencies: kHz

Robert Butterfield
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02178 U.S.A.

highlights: This month we have another report from the Azores along with some reports from Mauritania. We also have a report of Swazi Music Radio, Swaziland and Radio Tanzania-Zanzibar, Tanzania. On to the reports.

ALBANIA

6140 0130 R. Tirana: Eng tlk (333 2/14 Turner-IL)
6200 0235 R. Tirana: Eng w/ ID @ 0237, commtry (444 2/17 DiPrete-RI);
(333 0345 3/8 Vogel-PA)
7300 0130 R. Tirana: Eng commtry (322 2/17 Hardester-CA);(333 0140
2/12 Jones-MS)
9500 1940 R. Tirana: Eng commtry (343 2/9 Earhart-PA)

AUSTRIA

6155 0338 Österreichischer Rundfunk: Eng w/ "Report from Austria", info
on quiz (353 2/24 Smith-TN)

AZORES

4865 2235 Emissor Regional dos Acores: Port w/ tlk to 2300 ID, then
nx, lt mx 2315 (344 3/5 Moore-PA)

BELGIUM

6055 0040 Radiodiffusion Television Belge: Eng w/ Press Review (323
2/6 Earhart-PA);(444 2255 2/13 Wickett-MD) Ken, many of your
reports are too old. rfb.
11855 2255 RTB: Eng w/ "Belgium Speaking" // 6055 (433 2/24 Zilmer-WI)

BULGARIA

9700 1930 R. Sofia: Eng prgr (454 3/5 Vogel-PA);(444 1940 2/24 Wickett-
MD);(323 0017 2/22 Jones-MS);(--2 0015 2/11 Earhart-PA)

CZECHOSLOVAKIA

5930 0100 R. Prague: Eng nx, commtry (333 2/15 Turner-IL);(444 0104
2/19 Maureen Raymond-MA);(322 0110 3/7 Kratter-IL);(333 0124
3/11 Beck-CH);(333 0300 3/4 Buehler-MO)
9540 0116 R. Prague: Eng talks (444 2/12 Smith-TN)
15110 1530 R. Prague: Eng nx to Africa (422 3/7 Zilmer-WI)

DENMARK

15165 1558 R. Denmark: Eng ID's before Danish prgr (323 3/2 Stine-MD);
(222 1600 2/18 Turner-IL)

FINLAND

9585 0300 R. Finland: Eng prgr s/on, very strong reception (444 3/11
Bodell-OR);(333 1400 2/13 Turner-IL);(544 1410 2/16 Carrick-
MD)

FRANCE

6095 0727 Office de Radiodiffusion Television Francaise: Fr w/ s/off
w/ anth (433 2/12 Stephenson-CA)
9620 1030 ORTF: Fr prgr w/ mostly rock mx, new freq (433 2/18 Miller-CA)

GERMANY, EAST

6115 2141 Radio Berlin International: Eng talk (322 2/20 Wickett-MD)
9730 1905 RBI: Eng prgr to Eur (444 3/8 Carrick-MD)

GERMANY, WEST

6040 0145 Deutsche Welle: Eng w/ talk (333 2/15 Turner-IL);(544 0150
3/7 Chapman-PA);(444 0215 2/28 Eichenhorn-MI)
6075 0453 DW: Eng talk on quitting smoking (433 2/17 DiPrete-RI)
6090 0135 DW: Eng nx (444 2/24 Maureen Raymond-MA)
7210 0150 DW: Eng mailbag prgr (545 2/3 Sridhar-INDIA)
9605 0500 DW: Eng nx (333 3/3 Browne-CA);(222 0530 2/22 Eichenhorn-MI)

GREECE

11960 1330 VOA, Kavala: Eng ID w/ s/on in Eng w/ Yankee Doodle (312
3/11 Bodell-OR)

GET YOUR REPORTING FORMS FROM SPEEDX HQ!

HOLLAND

6165 0500 R. Nederland: Eng "Happy Station" (454 3/3 Browne-CA)
 9715 0500 R. Nederland: Eng w/ mx requests (444 2/12 Turner-IL);(242 0838 2/10 Barnhart-PA)
 11730 0200 R. Nederland: Eng w/ "DA Jukebox" (555 3/8 Beck-CA);(444 2/10 Turner-IL);(353 0230 353 Radtke-CA);(444 1840 2/21 Wickett-ND);(333 1900 2/17 Alvord-IL)

HUNGARY

6165 0100 R. Budapest: Eng nx (333 2/27 Stine-ND);(333 0110 2/22 Carrick-ND)

INTERNATIONAL MATTERS

6205v 0105 R. Nordsee International: Eng w/ rock mx, comals (454 3/5 Smith-TN)

LUXEMBOURG

6090 0042 R. Luxembourg: Eng folk mx (333 3/5 Smith-TN);(323 2400 3/5 Chapman-PA)

MONACO

7105 0723 Trans World Radio: Eng w/ IS, ID, ARO QRM (311 2/24 Wickett-ND)

NORWAY

6185 2220 R. Norway: Eng folk mx progr (333 3/10 Savu-IL)
 15175 1600 R. Norway: Eng s/on, nx, folk mx (333 3/10 Browne-CA)

PORTUGAL

6025 0156 R. Portugal: Eng w/ pop mx (444 3/3 Wickett-ND);(444 0215 2/20 Beck-CA);(333 0345 2/17 Eichenhorn-IL)
 9670 2100 Adventist World Radio: Eng progr w/ Eng/Fr ID, Eng rel tlk (222 2/17 Moore-PA)
 11875 1900 R. Portugal: Eng s/on (444 2/19 Wickett-ND);(434 1950 2/10 Agner-NY)
 11935 0210 R. Portugal: Eng "Press Roundup" (444 2/21 Jones-ND)

ROMANIA

5990 0155 R. Bucharest: Eng w/ mx (322 2/15 Yajko-PA)
 9590 1500 R. Bucharest: Eng nx, comtry (232 3/11 Bodell-OR)
 11940 1305 R. Bucharest: Eng nx, contest ancnts (333 2/10 Turner-IL);(333 1310 3/9 Savu-IL)
 15250 1300 R. Bucharest: Eng nx, comtry, mx (343 3/2 Zilmer-IL);(222 1500 3/8 Vogel-PA)

SPAIN

6065 0100 Radio Nacional de Espana: Eng nx, nx, tlks (444 2/16 Moore-PA);(323 0103 2/26 Yajko-PA);(333 0120 2/16 Turner-IL);(433 0120 2/22 DiPrete-RI);(434 0210 2/28 Chapman-PA)

SWEDEN

6000 0030 R. Sweden: Eng w/ nx, ex 6035 (442 3/7 Zilmer-IL)
 15240 1830 R. Sweden: Eng progr to africa, ex 11945 (342 3/4 Zilmer-IL)
 17710 1400 R. Sweden: Eng nx, comtry "SODX'ers" (444 2/20 Agner-NY)

SWITZERLAND

3985 0643 SBC: Eng w/ mx, choir mx, ID (333 3/14 Eichenhorn-IL)
 6120 0144 SBC: Eng w/ IS, ID, fgys (323 2/25 Jones-ND);(222 0150 2/15 Eckman-NE);(333 0200 2/16 Turner-IL)
 11870 1530 SBC: Eng tlks & mx (433 2/24 Carrick-ND)
 15305 1530 SBC: Eng w/ "Dateline" to africa (433 3/1 Zilmer-IL);(443 3/6 Browne-CA)

USSR, EUROPEAN

7150 0055 R. Kiev: Eng progr (333 3/8 Dennis-IL)
 9540 1210 R. Tashkent: Eng nx, comment, mailbag (211 2/20 Miller-CA)
 9585 1436 R. Station Peace & Progress: Eng w/ many ID's, tlks (333 2/13 Leistner-CA)
 11860 0300 R. Kiev: Eng w/ nx, tlk (353 3/8 Radtke-CA)
 11900 1350 R. Station Peace & Progress: Eng progr (322 2/16 Butler-VA)
 17870 0030 R. Kiev: Eng w/ mx (544 3/5 Gaele-CA)

VATICAN STATE

5995 0100 R. Vaticana: Eng progr (233 2/15 Eckman-NE);(333 2/16 Turner-IL);(252 3/10 Radtke-CA);(334 2/20 Moore-PA);(434 2/25 Jones-IL)

YUGOSLAVIA

15240 1530 R. Belgrade: Eng progr w tlks, folk mx (343 3/9 Hitchcock-MA);(444 2/22 Carrick-ND)

-AFRICA-

ALGERIA

11715 2120 Radiodiffusion-Télévision Algerienne: Ar w/ chants, // 11810 (323 2/18 Smith-MA)
11810 2010 RTVA: Ar mx (434 3/10 Smith-MA); (355 2315 2/12 Moore-PA)
11910 1912 RTVA: Eng nx, ID, pop mx (433 2/23 Miller-OH); (333 1945 in U/lang 3/10 Smith-MA)

ANGOLA

9660 0615 Voz de Angola: Port w/ tlks, lot of mx, intermittent jamming (221 2/19 Miller-CA)

ASCENSION ISLAND

9510 2300 BBC, Atlantic Relay: Eng nx (444 3/9 Redman-IL); (333 0445 2/13 Eichenhorn-MI)
15105 1645 BBC: Eng s/on, IS, ID, nx (354 2/24 Moore-PA); (444 1715 2/22 Agner-NJ)

BOTSWANA

4845 0940 R. Botswana: Setswana w/ nat mx, chants, orch mx (243 2/22 Leistner-CA)

CAMEROON

5010 0445 R. Garoua: U/lang w/ afro mx (222 2/14 Eichenhorn-CA)

CANARY ISLANDS

11800 0030 Radio Nacional de Espana, Tenerife: Sp w/ mx and ancmts (353 3/10 Radtke-CA); (454 2135 2/18 Smith-MA)
15365 2025 RNE: Sp w/ IS, s/on, sked, mx (343 3/5 Lovett-OH)

CAPE VERDE ISLANDS

39304 2350 R. Barlavento: Port w/ mx (212 2/13 Smith-MA)

CENTRAL AFRICAN REPUBLIC

5038 2305 Radiodiffusion Nationale Centrafricaine: Fr w/ afro mx (343 2/24 Miller-OH); (343 0506 2/24 Cleveland-CA); (344 0640 2/23 Smith-MA)

CHAD

4904.5 2130 Radiodiffusion Nationale Tchadienne: Fr w/ commtry, anthem and s/off (252 2/17 Vecchiola-PA); (332 2135 2/9 Earhart-PA)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0450 Radiodiffusion Television Congolaise: Fr/Vern w/ nat mx, ancmts (443 2/12 Cleveland-CA); (333 0520 3/3 Bob Raymond-MA); (444 2245 2/26 Carrick-MD)
9715 2155 RTVC: Fr tlk, mx, vern tlks (433 2/26 Zilmer-WI)
15190 1850 RTVC: Fr talk (344 2/17 Alvord-IL); (343 2/13 1928 Cleveland-CA); (444 2108 2/25 Smith-TN)

EGYPT, ARAB REPUBLIC OF

9475 0204 R. Cairo: Eng w/ mx, tlk, mailbag (444 3/1 Beck-OH); (332 0405 3/4 Buehler-MO); (433 0210 2/13 Stine-NY); (444 0220 2/25 Wickett-MD); (222 0230 3/2 Kratter-NY)
17920 1400 R. Cairo: Eng "Arabic by Radio", ID (444 2/18 Agner-NY)

ETHIOPIA

7165 0358 ETLF: Eng w/ ID, s/on, nx (233 2/27 Bodell-ORO); (222 0400 2/18 Miller-CA)
11960 2000 ETLF: Eng rel prgr, s/off 2015 (433 2/23 Moore-PA); (412 2005 2/17 Wickett-MD)

EQUATORIAL GUINEA

4926 2134 R. Equatorial: Sp w/ mx, s/off 2144 (242 2/24 Miller-OH)

GAMBIA

4820 0705 R. Gambia: Eng w/ BBC nx @ 0700, natl nx 0710 (333 2/18 Maureen Raymond-MA)

GHANA

4915 2250 Ghana Broadcasting Corporation: Eng nx, s/off 2307 (443 3/4 Carrick-MD); (444 3/3 Redman-IL); (444 2250 2/23 Vecchiola-PA); (153 (!?! rfb.) 2/13 Dawson-CA)
9545 2125 GBC: Eng nx, commtry (333 2/24 Agner-NJ)

GUINEA, REPUBLIC

4910 0620 Radiodiffusion National: Fr intvw prgr (442 2/17 Kolb-FL)
9650 0255 Rdif National: Fr prgr, ID "Ici Conakry" (444 3/10 Carrick-MD); (343 0305 2/16 Smith-TN)

IVORY COAST

4940 0635 Radiodiffusion Television Ivoirienne: Fr tlks (434 2/23 Smith-MA); (152 0708 2/13 Dawson-CA); (343 2145 2/17 Miller-OH); (433 2310 3/3 Redman-IL)
11920 1902 RTVI: Eng w/ mx (555 2/17 Wickett-MD); (222 1914 in Fr 3/10 Dennis-IN); (444 1940 in Eng 3/11 Savu-MI); (333 2040 3/3 Buehler-MO); (433 2150 2/24 Agner-NJ); (444 2335 2/26 Cleveland-CA); (433 0330 2/13 Stephenson-CA)

LIBERIA

4770 2240 ELWA: Eng rel prgr, ID 2245 (444 2/22 Agner-NJ); (222 0600 3/6 Redman-IL); (242 0650 2/23 Smith-LA); (444 0700 2/24 Carrick-MD)
 6150 0750 VOA, Monrovia: Eng commtry (333 2/15 Eichenhorn-IL)
 11940 1945 ELWA: Eng nx, ID (444 2/17 Agner-NY); (333 1945 2/18 Alvord-IL); (333 2101 3/1 Wickett-MD)
 15140 1730 VOA: Eng nx, pop mx (353 3/2 Radtke-CA)
 17875 1735 VOA: Eng nx (444 3/7 Dennis-IN)

MALAGASY REPUBLIC

11740 1400 R. Nederland: Eng "Happy Station" (545 2/10 Sridhar-INDIA)

MALI

4783v 0645 R. Mali: Fr w/ nat mx, nx, ID (433 3/4 Redman-IL); (454 0655 2/23 Smith-MA)
 5995 2150 R. Mali: Fr mx & tlks (444 3/1 Carrick-MD)

MAURITANIA

4845m 2215 Radiodiffusion Nationale de Mauritanie: IS, Ar nx, IS, Fr nx, IS, Ar call to prayer, Ar close down 2254, fits WTH sked perfectly (444 2/24 Smith-LA) Anyone else notice the drift? Off normal 4850 as following loggings. rfb. (444 2230 2/24 Agner-NJ); (354 2245 2/17 Moore-PA)

MOROCCO

7270 0618 VOA, Tangiers: Eng nx 0600 (544 2/18 Laureen Raymond-MA)
 11735 1615 Radiodiffusion Television Marocaine: Ar w/ mx & chants (443 2/12 Cleveland-CA)
 11915 1800 VOA: Eng IS into lang, Tangier mentioned (232 2/21 Bodell-OR)

MOZAMBIQUE

3265 0345 R. Clube de Mocambique: Eng/Afrikaans w/ pop mx, ads, s/off 0400 (333 2/25 Cleveland-CA)
 4924 0440 RCM: Eng/Afrikaans w/ pop mx, ads, f/out 0454 (332 2/18 Cleveland-CA)
 11780 0545 RCM: Eng w/ "The Sunday Morning program of Happy Radio" (444 2/17 Kolb-FL)

NIGER

9705 0735 Office de Radiodiffusion Television Du Niger: Vern w/ nat mx, ancmts, mx (343 2/10 Earhart-PA)

NIGERIA

4990t 0445 Nigerian Broadcasting Corporation: U/lang w/ drum mx (151 2/16 Moore-PA)
 7255 0700 Voice of Nigeria (NEC): Eng nx & commtry (433 2/27 Stine-MD)
 9570 0715 R. Television Kaduna: Vern w/ mx, singing (343 2/10 Earhart-PA)

RWANDA

7225 0500 Deutsche Welle, Kigali: Eng w/ ID, fgy, into lang 0500 (322 3/5 Dennis-IN)
 11965 2027 DW: Ger w/ IS, ID, prgr (444 2/23 Wickett-MD)
 15380 2030 DW: Ger nx (444 2/15 Stephenson-CA)

SENEGAL

3336 0710 R. Ziguinchor: Fr nx (353 2/23 Smith-LA)
 4890 0600 Radiodiffusion du Senegal: Fr w/ IS, TC, ID, talk (444 2/23 Smith-MA)
 11895 1845 Rdif du Senegal: Eng w/ mx (433 3/5 Zilmer-WI); (444 1857 in Fr 3/2 Miller-OH)

SIERRA LEONE

3316 0715 Sierra Leone Broadcasting Service: Eng tlk (151 2/23 Smith-LA); (343 2231 2/17 Miller-OH); (352 2/28 2300 Vecchiola-PA)

SOUTH AFRICA

3250 0139 SABC: Eng mx (343 2/12 Buehler-MO); (222 0200 3/7 Redman-IL); (443 0230 2/12 Cleveland-CA)
 3980 0045 SABC: Eng play (222 3/8 Dennis-IN)
 3997 0305 SABC: Eng mx, ads (333 2/19 Cleveland-CA)
 4810 0417 SABC: Eng w/ pop mx, ads, TC, ID @ 0420 (443 3/4 Cleveland-CA); (333 0431 3/10 D'Adolf-MD)
 4830 0400 SABC: Eng pop mx, ads (322 3/8 Redman-IL); (353 0401 2/22 Vogel-PA); (433 0402 2/12 Cleveland-CA)
 4875 0400 SABC: Afrikaans w/ IS of bells, nx, mx (555 3/1 Miller-CA); (444 0430 3/8 Redman-IL); (444 0440 2/12 Cleveland-CA); (344 0445 2/23 Moore-PA); (353 1900 2/17 Vecchiola-PA)

SUDAN

11835 2145 R. Omdurman: Ar w/ ID, chants (434 2/18 Smith-LA)

SWAZILAND

6155 0356 Swazi Music Radio: Eng w/ IS, pop mx w/ DJ, no Europeans due to Geomagnetic storm (-3 ??? Henderson-MD)

TANZANIA

3339 0330 R. Tanzania-Zanzibar: Swahili w/ afro harp mx, clear ID, 0350 & 0400, mx 0400 (333 2/23 Moore-PA);(--4 ??? Hendersen-
MD)
15435 1810 R. Tanzania: Eng/Swahili w/ ID in Eng @ 1815, mx, tlks in Swahili, ID @ 1830 into Eng prgr (333 3/2 Bodell-Hickman-OR)

TOGO

5047 0635 Radiodiffusion du Togo: Fr/Vern w/ tlks (322 2/16 Bodell/Hickman-OR);(152 2/24 0645 Dawson-CA);(443 2300 2/15 Vecchiola-PA)

ZAIRE

15245 0001 La Voix du Zaire: Fr ID, mx, f/out 0005 (242 2/25 Wickett-MD); (333 1950 2/18 Agner-NJ);(322 1858 3/10 Dennis-IN);(444 1940 2/17 Kolb-FL);(333 2020 2/21 Alvord-IL);(222 2100 3/2 Kratter-NY);(554 2045 3/2 Fleming-FL)

ZAMBIA

3346 0405 R. Zambia: Eng w/ mx to 0412, ID, TC, pop mx (332 2/20 Cleveland-CA)

Ciao! A thanks to all the reporters for this month. Quite a few of you (45) but not too many loggings. After the last couple of months, seems we've hit a little slump. Let's get cracking for next month! Thanks to first timers: Mike Agner, Bob Alvord, Earl Chapman, "Tom" Fleming, Mike Stine, and Jim Vecchiola.

We would also like to thank Mr. and Ms. Frank Testa for the kind use of their home for the most recent BAD Guys meeting. As usual everything was great! When last scene, Alan Brooks was "streaking" home to scenic Oakdale in time to ready copy for the next Montage. I wonder if he made it?

All WWDXC items appear with their kind permission.

Hungary - Radio Budapest: According to the ITU, new high power 250 kw are planned for introduction by this station in March 1974.

(WWDXC)

Lesotho - Radio Lesotho: This station has added a further 30 minutes to the daily sked on 4800 and is now on the air at 0400-2030.

(WWDXC)

Liberia - Organization of African Unity: This country has offered to be the location of Radio Africa, planned by the OAU to broadcast to Southern Africa.

(WWDXC)

Switzerland - Red Cross broadcasts: Information came too late last time to inform you all of the last International Committee of the Red Cross, Geneva. However, we've just received word on some upcoming broadcasts: On a frequency of 7210 kHz the ICRC will broadcast between the hours of 0600-0700, 1130-1230, 1700-1800, and 2300-2400 on the following dates; May 27th, 29th, and 31st, July 22nd, 24th, and 26th, September 16th, 18th, and 20th, November 18th, 20th, and 22nd.

Zaire - La Voix du Zaire: The German firm Siemens is about to deliver a complete set of equipment for a national broadcasting network including 11 transmitters for medium and shortwave. This package contains a total of 900 kw of power and 8 regional studio packages.

(WWDXC)

International Waters - Pirates Away (cont.): Under the Marine Offence Act (MOA) it has been decided that all stations violating this act in accordance with Netherland's law have until the summer to cease operations. After that time, action will presumably be taken.

(WWDXC)

Thanks again to one and all. Let's get back to regular next month so we can use up our ol' allotment of pages.

73a Bob

ASIA-OCEANIA

MEL HICKMAN
Editor, Asia/Oceania
7409 S.E. 82nd
Portland, Oregon 97266
DEADLINE: 15th of the month



Some fine DX reported this month including an excellent report from Dan Henderson. Don's catches were on a business trip to Whidbey Island, Washington and Southern California, but, unfortunately, Don didn't mention which stations were heard where, so I have used the abbreviation WCNA for his reports. Lots of good low frequency DX noted with highlights on Indonesia, India, and Papua-New Guinea.

Frequency in kiloHertz. Date and time in GMT Deadline: 15th

FREQ TIME SIO LOCATION

ASIA

AFGHANISTAN

4775 *1300 322 WCNA Radio Kabul sign on with flute music. (Henderson ?/?) Lang?

BRUNEI

7215 1200 232 OR Radio Brunei: English service. (Bodell 2/25)
1341 321 CA RB: Eng tx on China, Moscow QRM on 7210. (Cleveland 2/28)

BURMA BBS - Burma Broadcasting Service

4725 1358 333 CA BBS: Burmese (WRTH) with mx, 1401 ID, Skyking QRM. (Cleveland 2/28)
5040 1358 222 FL BBS: Vern (WRTH shows Burmese): Oriental mx, chanting. (Kolb 2/12)
*1430 232 CA BBS: English with music and news. (Nebron 3/3)

CHINA, P. R. OF

PLA - People's Liberation Army, Foochow, Fukien

2430 1454 212 OR PLA: Chinese talks. (Bodell 2/22)
2475 1150 242 CA Radio Peking Hangchow: Chinese mx, 5 tones at the hour. (Massa 2/12)
1452 323 OR RPH: Chinese talks and music. (Bodell 2/22)
2600 1420 232 CA PLA: Chinese vocal music, OM talk // 3200. (Massa 2/11)
1445 312 OR PLA: Chinese talks. (Bodell 2/22)
3200 1342 433 CA PLA: Chin w/classical music // 3400, ute QRM. (Cleveland 2/27)
3220 1310 --3 WCNA RP: Chinese commentary by woman. (Henderson ?/?)
3260 1353 332 CA RP Kweiyang (WRTH): Chinese mx, 1400 ID(?), nx(?)(Cleveland 3/6)
3270 1505 --3 WCNA RP: English news with utility QRM. (Henderson 2/17)
3400 1005 252 PA RP: Chinese music and commentary. (Moore 3/3)
1432 323 OR PLA: Chinese talks. (Bodell 2/22)
3520 1455 333 OR PLA: Chinese commentary, RTTY QRM. (Bodell 2/22)
3900 1125 433 WI PLA: U/lang w/talk and music, seems // 3400. (Zilmer 2/23)
1430 223 CA PLA: Chinese talk. (Nebron 2/27)
3972 1430 333 CA RP Huhehot, Inner Mongolia w/Chinese mx and talk. (Nebron 3/1)
4068 1005 --3 WCNA RP Huhehot, Inner Mongolia: Chinese music. (Henderson ?/?)
4110 1243 --3 WCNA RP Urumchi: Chinese talk. (Henderson 2/17)
4120 1335 --3 WCNA RP: Classical Chinese music. (Henderson 2/17)
4620 1340 444 CA RP: Chin(?) classical music, occasional cmty. (Cleveland 3/4)
4800T 1200 232 OH RP: Chinese talks by YL. (Miller 2/17)
4915 1342 444 CA RP Harbin: Chinese w/apparent musical drama. (Cleveland 3/5)
5005 1405 --3 WCNA RP: Chinese music, some flutter noted. (Henderson 2/18)
5057 1349 --3 WCNA RP Urumchi: YL in Chinese with music (Henderson 2/17)
5295 1435 434 OR RP: Chinese talks and music. (Bodell 3/1)
7165 *1000 222 CA RP Fukien: Chinese s/on w/RP IS, talk, music. (Browne 3/10)
7335 1525 434 OR RP: Chinese over CHU. (Bodell 3/1)
7350 2300 443 WI RP: U/lang talk. (Zilmer 3/1)
9390 0105 343 CA RP: English commentary and news by YL. (Hardester 2/17)

9460	0923*	322	MS	RF: English s/off after commentary. (Jones 2/12)
	1025*	243	FA	RF: English s/off at 1025 to Australia/N.Z. (Moore 2/17)
9860	0920	452	CA	RF: Chinese YL with talk and music. (Dawson 2/10)
9945L	2330	222	FA	RF: Oriental lang commentary, utility Q.M. (Vecchiola 2/15)
11665	1240	211	IN	RF: English with "China in Respective". (Dennis 3/5)
11690	1220	254	FA	RF: English to S.E. Asia with talks. (Moore 2/18)
11945	0030	333	IN	RF: English cmt. S/on at 0000 after Spanish. (Dennis 3/6)
12055	0135	333	MO	RF: English commentary on Chinese women's roles. (Buehler 3/4)
15060	0000	353	CA	RF: Eng news on Korean unification. (Radtke 3/7)
15060	2358	352	PA	RF: Oriental lang w/YL ID at 0000. (Vecchiola 2/15)

CHINA, REF. OF BCC = Broadcasting Corp of China VOFC = Voice of Free China

3230	1506	--3	WCNA	BCC in Chinese with YL talking. (Henderson ??)
3335	1325	--3	WCNA	BCC: Chinese music and YL commentary. (Henderson 2/17)
9510	1820	444	CA	VOFC: English w/comment on airline problems. (Stephenson 2/7)
11825	0945	343	CA	VOFC: Japanese talks, music // 11860. (Hardester 2/18)
15125	0320	252	CA	VOFC: Chinese here (WRTN shows Eng) // 15345. (Radtke 3/9)

CYPRUS BBC = British Broadcasting Corporation

7250	2115	232	NY	BBC: Eng discussion on the word "dreamed". (Kratte 3/2)
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INDIA AIR = All India Radio

3255	1430	--3	WCNA	AIR, New Delhi: English news following Hindi. (Henderson 2/17)
3277	1440	2--	WCNA	Radio Kashmir, Srinagar: Hindi music. (Henderson 2/17)
3315	1415	--3	WCNA	AIR, Bhopal here with nice Indian music. (Henderson 2/17)
3375	1450	--3	WCNA	AIR, Gauhati: "man in Indian chants", ORM noted. (Henderson ??)
4820	1405	--3	WCNA	AIR, Calcutta: Indian type and sitar music. (Henderson 2/17)
4920	1530	--3	WCNA	AIR, Madras: English news noted daily. (Henderson 2/22)
6085	1315	433	CA	AIR: Hindi news, English news, then Indian music. (Miller 2/24)
9525	2200	433	WI	AIR: English news // 9912 (322) and 11620 (322). (Zilmer 3/3)
9535	1225	433	WI	AIR: English program sked and news. (Zilmer 2/24)
11710	2250	222	IN	AIR: Indian type singing and music. (Dennis 3/9)

INDONESIA RRI = Radio Republik Indonesia

3204	1107	--3	WCNA	RRI, Bandung: Indonesian news from Jakarta. (Henderson 2/17)
3241	1208	--3	WCNA	RRI, Ambon: Indo news, relay of Jakarta. (Henderson 2/17)
3286	1302	--3	WCNA	RRI, Madiun: Indo RRI news. (Henderson 2/12)
3294	1209	--3	WCNA	RRI, Samarinda: Indo news, anthem, and ID. (Henderson ??)
3385	1500	3--	WCNA	RRI, Kupang: S/off after news and pop/C&W mx. (Henderson ??)
3460	1431	3--	WCNA	RRI, Pakanbaru: Indo with YL announcer and pop mx. (Henderson ??)
3630	1200	3--	WCNA	RRI, Banda Aceh: Indo relay of Jakarta news. (Henderson 2/12)
3905	0916	4--	WCNA	RRI, Jayapura: Indonesian cmt by OM. (Henderson 2/17)
3945	1015	???	WCNA	RRI, Dempassar: Indo w/definite ID at 1015. (Henderson 2/22)
3960	1400	--4	WCNA	RRI, Padang: Indo regional nx after pop mx. (Henderson ??)
4066	1200	333	WCNA	RRI, Merauke: Indo Jakarta nx after U.S. mx. (Henderson 2/12)
4698	1050	343	CA	Radio Khusus Informasi Pertanian, Surabaya: Indo songs, news and local ID. (Sparks 2/23) Is this the same as below?
	1355	--4	WCNA	RPDKI: Indonesian w/orchestra, news at 1400. (Henderson ??)
4764	1405	433	CA	RRI, Medan: Indonesian news. (Cleveland 2/28)
4885	1202	3--	WCNA	RRI, Bukittinggi: Indo Jakarta news, 1221 ID. (Henderson 2/18)
4900	1330	???	WCNA	RRI, Gorontalo: Indo ID after pop music with YL. (Henderson 2/17)
4927	1500	33--	WCNA	RRI, Jambi: Indo news and C & W music. (Henderson 2/22)
4932	1240	242	OH	RRI, Surakarta: Indo music and YL talks. (Miller 2/17)
4955	1431	4--	WCNA	RRI, Banda Aceh: Indo w/Moslem type chants. (Henderson 2/22)
	1445	343	CA	RRI, Banda Aceh: Indo songs and local ID at 1458. (Sparks 3/1)
5490T	1230	333	CA	Radio Universiti Gajan Mada, Yogyakarta: Rock and roll music and Indo songs, s/off at 1504 with choral music. (Sparks 3/3)
5560	1020	--3	WCNA	Radio Pemerintah Daerah Kapupaten, Surabaya: Indo heard daily with C & W music, seems better than 4698. (Henderson 2/17)
	1200	444	CA	RPDKS: Indo relay of Jakarta news, local music, strong signal but poor modulation. (Sparks 2/23)
	1339	332	CA	RPDKS: Indo music with news at 1402. (Cleveland 2/19)
	1410	232	OR	RPDKS: Indo talks and music. (Bodell 2/27)
11790	0903	233	CA	Voice of Indonesia: English news, cmt, music. (Nebron 3/8)

IRAN VOI = Voice of Iran

9022	*2000	544	MD	VOI: English sign on with news, mx, cmt. (Carrick 2/21)
	2035	443	MA	VOI: Eng(?) Special Program for Iranians Abroad. (Smith 3/10)
	2310	222	NY	VOI: Farsi(?) with native music. (Kratte 3/5)
15084	1940	131	OR	VOI: French program, very weak. (Bodell 2/20)

IRAQ

3240 1443 3-- WCNA Radio Baghdad noted with Arabic chants. (Henderson ??)
 9745 *1956 333 MD RB: IS leading into English s/on. (Wickett 2/24)
 2010 222 PA RB: English easy listening music, 2019 s/off. (Vecchiola 2/23)

ISRAEL IBA = Israel Broadcasting Authority

7395 0509 343 OH IBA: English news and review. (Miller 3/3)
 9009 0020 333 OR IBA: Hebrew with Spanish Lessons. (Bodell 3/14)
 *0500 222 NY IBA: English news // 7095 (333). (Kratzer 2/9)
 2045 343 MA IBA: Hebrew program. (Smith 3/10)
 2200 443 WI IBA: French talk. (Zilmer 3/8)
 15100 1815 343 WI IBA: Romanian mx and nx, then into Hebrew. (Zilmer 3/1)

JAPAN FEN = Far East Network NSB = Nihon Short-Wave Broadcasting Co. Ltd.

3910 1345 433 CA FEN: English with light music, PSA's. Ham QRM. (Cleveland 2/21)
 3925 1422 444 CA NSB: Japanese commentary. (Nebron 3/1)
 5990 *1500 433 CA Radio Japan: English portion of General Service. (Nebron 3/2)
 6005 0900 322 HI RJ: Japanese news. (Trubee 2/20)
 6055 1400 444 CA NSB: Japanese with English pop music. (Cleveland 2/13)
 9505 *0900 444 CA RJ: Eng C.S. with Weekly News Review. (Browne 3/10)
 9560 2350 132 HI VOA: Chinese with English lessons. (Trubee 2/8)
 1445 333 MD RJ: English news and commentary. (Carrick 2/16)
 9595 1354 454 CA NSB: Japanese talk, ID at 1359, into music. (Cleveland 3/1)
 9670 1630 434 INDIA RJ: English news. (Sridhar 2/5)
 15105 0000 353 CA RJ: English comment on Expo 75 in Okinawa. (Radtko 3/7)
 *0200 555 CA RJ: English news and comment, G.S. (Gaede 2/13)
 *2300 322 MD RJ: English sign on. (Carrick 2/16)
 15270 *2343 443 OH RJ: IS leading in to English s/on. (Miller 3/3) Replaces 11725.
 *2345 343 MA RJ: English news, commentary. (Whitehead 3/4)
 *2345 343 WI RJ: English to North America. (Zilmer 3/5)
 15445 0250 444 HI RJ: Spanish comments and news. (Trubee 2/27)
 17825 0130 444 CA RJ: English news and comment. (Gaede 3/5)
 17880 *0500 454 CA RJ: English news and current topics. (Cleveland 3/3)

JORDAN

11810 2200 443 WI Radio Amman with Arabic talk and chanting music. (Zilmer 3/3)

KHMER REPUBLIC

4908 1500 433 WCNA Radio Phnom-Penh here with beautiful Khmere mx. (Henderson ??)

KOREA, D.P.R. KCBS = Korean Central Broadcasting Station

2850 1415 444 CA KCBS: Korean talks by YL, light music. (Massa 2/11)
 1420 312 OR KCBS: Korean talks. (Bodell 2/22)
 3015 1431 333 OR KCBS: Japanese talks. (Bodell 2/22)
 6400 0720 211 HI Radio Pyongyang: Japanese talk by OM. (Trubee 2/20)
 9455 1040 433 FL RP: English commentary to 1050 s/off. (Fleming 2/19)
 9820 *1400 555 CA RP: French news, long talks, Korean music. (Miller 2/6)
 15630 *2300 453 MD RP: English sign on with news and comment. (Carrick 2/16)
 2330 333 CA RP: English news, comment to S.E. Asia. (Browne 3/7)

KOREA, REP. OF KBC = Korean Broadcasting Corporation

2510 1400 343 CA KBC: Korean with time tones at the hour, music. (Massa 2/11)
 1450 222 OR KBC: Korean talks. (Bodell 2/25)
 3918 0915 3-- WCNA KBC: Korean talks. (Henderson ??)
 9640 *1200 333 CA Radio Korea: English news and commentary. (Browne 2/28)
 15335 0306 443 CA RK: Eng world news and comment, moderate QSB. (Cleveland 2/26)

KUWAIT

11940 1415 242 PA Radio Kuwait: Arabic chants. (Earhart 2/8)
 *1630 333 OR RK: English pop music, VOA 15410 QRM. (Bodell 3/15)
 1700 433 WI RK: English music to 1730 news. (Zilmer 2/22)
 1735 333 PA RK: Eng news, Press Review, weather. (Moore 2/24)

MALAYSIA BBC = British Broadcasting Corporation

3915 *1455 333 CA BBC: English IS and Radio Newsreel. (Nebron 2/28)
 4985 1340 333 CA Radio Malaysia Penang: English pop mx, 1345 ID. (Cleveland 3/6)
 9740 1645 454 CA BBC: Eng w/England-Ireland soccer game. (Cleveland 2/16)

NEPAL

3425 1328 4-- WCNA Radio Nepal: "here with weird type music." (Henderson ??)

PAKISTAN

3381v 1400 222 WCNA Radio Azad Kashmir weak with Pakistani/Moslem chants. seems to drift down from the high point. (Henderson 2/17)
 4815T 1210 343 OH Radio Pakistan: U/long w/lengthy OM talks. (Miller 2/17)
 11672 1300 353 WI RP: English news. (Zilmer 3/4)

PHILIPPINES FEBC = Far East Broadcasting Company

7225 1145 343 CA FEBC: English commentary on bicycle riding. (Browne 3/1)
 15290 2240 252 PA VOA Tinang: English rock music show. (Vecchiola 2/15)
 15440 0000 222 WI FEBC: English with language lessons. (Zilmer 3/4)
 17735 *2330 544 CA VOA Tinang: Thai newscast. (Gaede 2/6)
 17610M 0130 353 CA FEBC: English world news. (Radtko 2/29)

SABAH

4970 1400 332 CA Radio Malaysia Sabah: English pop music. (Cleveland 2/26)

SARAWAK

4950 1400 433 CA Radio Malaysia Kuching: English world news. (Cleveland 3/5)
 5030 1350 333 CA RMK: Bidayah (WRTH) commentary. (Cleveland 3/6)

SINGAPORE

5052 1344 333 CA Radio Singapore: Eng YL DJ with jazz program. (Cleveland 2/11)

SRI LANKA

7190 1300 545 INDIA Radio Ceylon with Eng BBC news, All Asia Service. (Sridhar 2/4)

THAILAND

7863 1042 343 CA Bangkok Meteorological Radio: Old American dance records and Thai music, wx rpts in Thai and Eng by YL. (Sparks 3/2)
 1332* 232 OR BMR: S/off in English followed by National Anthem. (Bodell 3/18)

TIMOR (PORTUGUESE) ERTTP = Emissora de Radiodifusao de Timor Portugues

3668v 1010 4-- WCNA ERTTP: Portuguese with U.S. C & W music. (Henderson 2/17)
 1340 421 CA ERTTP: Port pop music, severe utility QRM. (Cleveland 2/21)

TURKEY VOT = Voice of Turkey

9515 1955 454 FL VOT: Turkish announcements and music // 11680 (444). (Fleming 3/2)
 11880 *2200 454 PA VOT: English s/on and news. (Moore 2/24)
 2203 322 MO VOT: English news and commentary. (Buehler 2/24)

UNION OF SOVIET SOCIALIST REPUBLICSAsiatic RSFSR

4940 *0625 211 HI Radio Moscow Yakutsk: Russian home service. (Trubee 2/10)
 5015 1345 444 CA RM Vladivostok: Russian with classical music. (Cleveland 3/6)
 6185 0525 111 HI RM Majak: Russian home service. (Trubee 2/11)

Kirghiz SSR

4050 1015 4-- WCNA Frunze listed here with YL in Russian vocals. (Henderson ?/?)

Unlocated

6035 1150 433 MS Pop mx, jazz, 6 pips at the hour, ID as Govorit Moskva, then nx, // 6080 (333 2/24), better than Tashkent. (Jones 2/23)

Uzbek SSR

6025 1225 242 OH Radio Tashkent: Eng YL talks, music, 1230 s/off. (Miller 3/3)
 *1400 343 CA RT: English news and then native music. (Browne 3/3)
 9600 1215 433 MD RT: English cmty and Mailbag show, 1230 s/off. (Carrick 2/23)

VIETNAM, DEM. REP. VOV = Voice of Vietnam

7102 1240 232 PA VOV: Viet talk, music, and more talk. (Earhart 2/8)
 10040 *1300 443 WI VOV: English news and commentary. (Zilmer 3/8)
 1315 222 MD VOV: English commentary. (Carrick 3/1)
 *1400 443 CA VOV: Khmer (WRTH) talk (nx?), mention of Vietnam. (Cleveland 2/15)

VIETNAM, REP. OF VTVN = Broadcasting System of Vietnam

6165 1428 333 OR VTVN: Viet talks, music. (Bodell 2/27)
 7175 1408 434 CA VTVN: Viet quote from Wash. Post // 4877 (444). (Cleveland 2/27)

M = measured L = listed V = variable T = tentative *0000 = s/on 0000* = s/off
 U/lang = unidentified language OM = male announcer YL = female announcer w/ = with

ICF-2001 WARRANTY FROM DISCOUNT HOUSES

by Don Brewer, AR

After purchasing my ICF-2001 at a below whole-sale price (from 47th St. Photo) early this year, I read about the "grey market" and the report in WRTH-83 that Sony Corporation of

America would not honor the warranty on such purchases.

This was puzzling, since a sheet on warranty information from Sony of America was packed with the radio. Finally, I called Sony customer service in New Jersey for clarification.

A Mr. Olko at Sony indicated he had not heard of the man's name quoted in the WRTH article, and that my warranty would be honored, even after hearing where the receiver was purchased.

He was puzzled that I did not have a warranty card to return to them. However, the paper which came with my receiver indicated the bill-of-sale would offer proof and date of purchase.

This raises the question as to what dealers, selling below wholesale, are considered "grey market"? I shouldn't think receivers wholesaled from Asia would have Sony of America warranty notices packed with them.

The question is probably academic for me; with a 12-month warranty, my ICF-2001 probably will perform flawlessly until about the 14th month after purchase!

YE OLDE RECEIVERS - A RESTORATION PRIMER

by David Sharp, FL

If you have recently bought, or own an old receiver, I hope to offer a few hints which may help to get the old rx working again. If you are planning on buying an old radio,

I will provide information on what to look for.

When buying ye olde receivers, one of the first things to check is the feel of the controls. If the tuning dials, etc. feel rough, take my advice and stay away from the radio. . . unless it is something obvious (such as a set screw), or you know how to repair tuning mechanisms!

Another thing to check is whether or not the radio has an RF stage. If looking for a rx with DX possibilities, make sure it has an RF stage. Those radios without one will lack the basic ingredients (selectivity, stability, and sensitivity) needed to pull that weak station out of the QRM. As such, a radio of this nature will probably only be suitable for casual listening on the SW bands.

After buying an old receiver, most people will think it's ready for the garbage. But wait! It can be restored! The first thing to check is the wiring. Is it frayed or broken? If so, gingerly remove the old wiring and replace with new. This is probably the one best thing anyone can do to reduce the chances of fire.

Another important factor is the cleanliness of the receiver. Dust, cobwebs, etc. inside the radio will form low-resistance paths from the high impedance circuits to ground. This could have a detrimental effect on your receiver, so clean the stuff out. To clean the front panel, remove all of the knobs and wipe clean with a mild detergent cleaner.

Many of the older receivers had a wrinkle finish, which is difficult to clean. One may want to clean the finish with a small scrubbing brush; I have had moderate success with this method. Some circles feel the cabinet of the radios should be preserved with a mixture of turpentine and baby oil. I tried this with my HQ-129X. While it did perk up the paint, the mixture left the cabinet feeling greasy to the touch. Experimentation may be necessary to find an ideal mixture.

The knobs may be cleaned with a small brush and mild detergent. Avoid abrasive cleaners, as they may scratch the knobs. They should be dried with a soft cloth and put back on the radio.

When I received my HQ, I noticed that the 18 to 31 MHz band was almost dead. Close examination of the chassis revealed that some of the drippy paper-wax bypass capacitors had leaked. The leakages of these capacitors also results with an electrical leakage. I therefore replaced the suspect capacitors with the new sealed-in-plastic versions, which can be found at any local electronics supply outlet. The result was remarkable! A once dead band became very active with DX! However, when replacing the capacitors, make sure the voltage ratings are equal to or higher than the oldies.

If the above process doesn't solve your problem, it would be wise to check the tubular capacitors, and perhaps replace them with ceramic disc capacitors. Another suggestion would be to check the resistors. It is quite possible their values have changed over the years and need to be replaced. One may also encounter calibration problems, but I will not cover this subject because I am not familiar with the factors involved. Unless

OCEANIA

AUSTRALIA

ABC = Australian Broadcasting Commission

4920	0905	152	CA	ABC Brisbane: English news. (Dawson 3/3)
	1120	253	PA	ABC Brisbane: English talk on energy crisis. (Moore 3/10)
	1340	433	CA	ABC Brisbane: Eng pop music, inspirational msg. (Cleveland 2/25)
6010	1300	444	CA	Radio Australia: English news and comment. (Browne 3/7)
6090	1008	233	OR	ABC Sydney: Eng nx, wx, mx. QSL already in. (Bodell 2/25)
	1012	232	MS	ABC Sydney: Eng nx, wx for N.S.W. (Jones 2/28)
6120	1200	444	MD	RA: English news. (Carrick 2/23)
6140	1018	242	MS	ABC Perth: English commentary on oil shortage. (Jones 2/14)
	1347	432	CA	ABC Perth: English with light music. (Cleveland 2/13)
6150	1355	322	CA	ABC Melbourne: Eng nx, ID, s/off 1402 w/GSTQ. (Cleveland 3/6)
7235	1225	343	PA	RA: Indonesian music, ID, news. (Earhart 2/8)
9550	*1429	322	OH	RA: English IS and ID. (Miller 2/24)
9570	0757	444	MD	RA: English end of S. Pacific Service. (Wickett 2/24)
	1030	243	PA	RA: English light music with ID by YL. (Moore 2/17)
	1230	444	MD	RA: English to East Asia and Japan, nx, mx. (Carrick 2/23)
9610	1315	454	PA	ABC Perth: English end of news, classical mx. (Moore 2/18)
	1405	333	CA	ABC Perth: English game show, mx at 1410. (Cleveland 2/28)
	1800	333	OR	ABC Perth: English extended sked to monitor cyclone. (Bodell 3/1)
9650	1239	343	NY	RA: English "Club Forum", ltr from Hank DuRant. (O'Shea 3/2)
	1315	433	WI	RA: English news focus. (Zilmer 2/20)
9680	0610	232	MI	VLR9 Melbourne: English commentary. (Eichenhorn ?/?)
9700	2230	323	CA	RA: Indonesian news, rock music show. RSA QRM. (Miller 2/15)
9760	*0628	222	MI	RA: English IS and s/on by OM. (Eichenhorn 2/22) New freq.
	0715	343	HI	RA: English talk and music. (Trubee 2/27)
	0845	444	FL	RA: English nx and mailbag to Papua-N.G. (Fleming 2/22)
11710	1115	444	PA	RA: English news and commentary. (Chapman 3/1)
11740	0930	555	INDIA	RA: English news to S. W. Asia. (Sridhar 2/2)
11765	0709	333	MD	RA: English mailbag to 0715. (Wickett 2/24)
	0800	444	CA	RA: English Melbourne Stock Exchange Report. (Gaede 3/5)
	0910	353	WI	RA: English news to the Pacific. (Zilmer 3/6)
11840	*1757	454	CA	RA: English IS, s/on, news. (Cleveland 3/3)
11850	0645	311	HI	RA: English tx, mx. Heavy Moscow QRM. (Trubee 2/22)
15160	0530	353	CA	RA: Eng pop songs and news. (Radtko 3/5)
15240	0430	353	CA	RA: English music and newscasts. (Radtko 3/5)
21740	0230	332	CA	RA: Eng news, excessive fading. (Gaede 2/13)

NEW CALEDONIA

7170	1002*	353	WI	Radio Noumea: French talk, music, s/off. (Zilmer 3/4)
11710	0636	332	OR	RN: French talk and music. (Bodell 2/28)

NEW ZEALAND

9540	0700	444	MD	Radio New Zealand: English talk, music, cmty. (Carrick 2/24)
	0710	444	CA	RNZ: English news and music. (Stephenson 2/7)
	0715	433	FL	RNZ: Eng w/semi-classical music. (Kolb 2/17)
11705	0900	352	WI	RNZ: English news // 9520 (353). (Zilmer 3/6)
	0915	323	CA	RNZ: English talk and news. (Browne 3/3)
11780	0700	555	CA	RNZ: English with Spanish music. (Gaede 2/21)
	0817	453	CA	RNZ: English music. (Dawson 3/2)
	1740	333	OR	RNZ: English programming. (Bodell 2/14)
15110	0245	322	PA	RNZ: Eng cricket game through heavy QRM. (Chapman 2/28)
	0400	252	CA	RNZ: English cricket play by play. (Radtko 3/7)

PAPUA-NEW GUINEA

PNGBC = Papua New Guinea Broadcasting Commission

2376	1240	222	WCNA	Radio Chimbu: Pidgin OM announcer and pop mx. (Henderson 2/22)
2450	1230*	--2	WCNA	Radio Mt. Hagen: S/off in Pidgin/Eng by YL. (Henderson 2/22)
2468	1227	--2	WCNA	Radio Northern District: Here with C & W music. (Henderson 2/22)
3220	1108	--3	WCNA	Radio Morobe: Pidgin OM talk and C & W music. (Henderson ?/?)
3322	1210	333	WCNA	Radio Bougainville: Pidgin OM commentary. (Henderson 2/17)
3360	1212	333	WCNA	Radio Milne Bay: C & W mx and Pidgin talk. (Henderson 2/17)
3385	1130	323	OR	Radio Rabaul: Pidgin talks. (Bodell 3/12)
	1223	342	OH	RR: Pidgin w/choir music and OM talks. (Miller 2/23)
	1400*	322	CA	RR: Eng/Pidgin s/off w/GSTQ. (Cleveland 2/25)
3925	0900	322	WI	PNGBC: VIK3 with English news. (Zilmer 2/21)
4890	0900	453	CA	PNGBC: VLT4 with English ID and news. (Dawson 3/3)
	1250	154(?)	PA	PNGBC: VLT4 with pop music in English. (Moore 2/18)
	1320	222	MI	PNGBC: VLT4 ID as "National Broadcasting". (Eichenhorn 2/14)
9520	0730	433	FL	PNGBC: VLT9 "Listeners' Treat" in English. (Kolb 2/17)

SOLOMON ISLANDS SIBS = Solomon Islands Broadcasting Service
3995 0910 3-- WCNA SIBS VQ04: U/lang with island music, ARO QRM. (Henderson ??/?)

TAHITI

11825 0430 444 CA Radio Tahiti: Tahitian cmty, 15170 silent. (Cleveland 2/21)
0620 152 MA RT: French drama. (Smith 2/23)
1600 353 CA RT: French/Tah with island music and Eng songs. (Radtko 3/2)
15170 1700 433 CA RT: French jazz program, QRM de 15175. (Cleveland 2/16)
2230 434 CA RT: French news and music. (Stephenson 2/5)

CLANDESTINE

4563 1353 332 CA Voice of the Revolutionary Party for Reunification, North Korea: Korean YL and OM talk, 1400 s/off with anthem, ID by FRENEX and DSWCI. (Cleveland 2/21)
4660 1135 --4 WCNA Voice of Pathet Lao: Lao with YL talking. (Henderson ??/?)
1358 444 CA VPL: Lao with YL talk, 1400 ID, more talk. (Cleveland 2/22)
4675 1200* 2-- WCNA VNUFK: Khmer with YL and singing. (Henderson 2/17)
1357* 433 CA VNUFK: Khmer(?) w/YL talk, vocal music, then s/off. (Cleveland 2/22)
7216 *1401 333 CA Voice of Patriotic Militia Men's Front: Viet s/on after cymbal/drum IS, talk at 1403 promptly jammed. (Cleveland 3/7)
7310 1348 433 CA VPL: Lao w/OM talk, singing, ID, orchestra mx. (Cleveland 3/7)
9421 1318 342 CA Voice of Thai People(?): Thai w/YL talk, into mx, sign off at 1340 by OM, no definite ID. (Cleveland 3/8)
10010 1203 232 OR Liberation Radio: U/lang talks. (Bodell 3/12)
*1400 343 CA LR: French s/on by YL, then news. (Cleveland 2/14)

UNIDENTIFIED

3666.5M 1015 141 CA U/lang sketch of Audio w/OM. (Hardester 2/18) **Tmor drift?**
3995M 0700 211 CA ? and Eng w/old style music, Eng talk. (Miller 2/20) SIBS?
4907 1405 333 CA Cambodian? w/mx and music with YL. (Cleveland 2/25) RNK?
5935 1305 332 PA Chinese? w/2 OM talking. (Earhart 2/6) Rptd as Ihasa, Tibet.
4690 1358 443 CA U/lang with native music to 1403, then commentary with frequent mention of Vietnam, FBIS shows Hanoi on 4683. (Cleveland 3/4)
7108 1406 322 CA Thai?: Old U.S. pop tunes, no positive ID. (Cleveland 3/1)
7395 0215 353 PA U/lang with boogey-woogey mx. (Earhart 3/1) IBA best bet, Ken.
7860 1030 333 CA U/lang with modern and rock music. (Miller 2/19) My guess would be either Radio Moscow or Bangkok Met Radio. MLH

DATELINE...

GUAM - Trans World Radio has announced plans to build a relay on this island and is in the final stages of negotiation with the U.S. over construction details. The relay will join transmitters in Monaco, Netherlands Antilles, Swaziland. (Serge Neuman over Radio Nederland.)

THAILAND - Bangkok Meteorological Radio transmits weather forecasts for shipping in the Gulf of Thailand and Andaman Sea. The station uses a 10 kw Collins 208U transmitter to feed a 100 foot high Log Parabolic antenna. The lack of experienced technicians and taping part of their music off local FM stations has resulted in the poor audio modulation. Tentative schedule is 0000-0330 and 0600-1330 GMT. (This from a verification letter received by Doug Stevens of ASWLC) Does anyone have a good address for this station?

LEBANON - Radio Lebanon is now using 9660 for its transmission to North America. (Radio California via HCJB)

HOLIDAYS - Australia: 4/12 Good Friday, 4/15 Easter Monday, 4/25 Anzac Day. Burma: 4/15-16 Burmese Water Festival, 4/17 Burmese New Year. Indonesia: 4/12 Good Friday. Japan: 4/29 Emperor's Birthday, 5/3 Constitution Memorial Day. China, P.R.: 5/1 Labor Day. India: 4/12 Good Friday, 5/6 Buddha Purnima. Malaysia: 5/1 Labor Day, 5/6 Wesak Day. New Zealand: Same as Australia. Pakistan: 5/1 May Day, 4/16 Eid Milad un Nabi (sorry out of order). Philippines: 4/9 Bataan Day, 4/11 Holy Thursday, 4/12 Good Friday, 4/13 Easter Saturday, 5/1 Labor Day. Singapore: 4/12 Good Friday, 5/1 Labor Day, 5/6 Vesak. Sri Lanka: 4/12 Good Friday, 4/13-14 Tamil New Year, 5/1 May Day, 5/5 Wesak Full Moon Poya. Thailand: 4/8 Chakri Memorial Day, 4/15 Songkran, 5/1 May Day, 5/6 Visakha Bucha. Vietnam (South): 5/1 Labor Day, 5/6 Buddha's Birthday.

PAPUA - NEW GUINEA - Bill Trubee (Hawaii) notes a station in English on approximately 4677 with a 433 signal announcing at 1100 as Papua-New Guinea Radio in English and then airing Radio Australia news. Date of reception was 3/11.

Once again, thanks to all the reporters this month and to Bob Bodell for his help of the Datelines. Best wishes for April. 73, 4/6/EC

STATION SKEDS

RADIO SWEDEN



RADIO MOSCOW,
MOSCOW, U.S.S.R.



MARY KOUFOL
1232 N. Eagle St.
Naperville, Illinois 60540

DEADLINE: 15th of the month

April is here already- Spring DX is at its peak. School is over in 2 months. So let's see some extra long reports!

Belgium: ORU's SWL program, "DX Corner", is aired in English every 4th Monday. ORU beams English to North America 2215-2315 on 6055 and 11855; to South America 0040-0100 on same frequencies. (Arthur Getzel)

Canada: CBC has this new Spring sked of English xmsns valid until May 4-

To N.A. and Caribbean
0100-0155 11940, 9755, 6085
0400-0455 9655, 6135
0500-0555 9655, 6135
1200-1255 15315, 11825, 5970
To Europe
0630-0657 9685, 6125
2058-2155 17820, 15325, 11855
To South Pacific
0830-0925 9625, 5970
To Africa
1830-1914 17820, 15325, 11855

(direct) The CBC is seeking a new name which will be identical in English and French. It has also adapted a new symbol consisting of a stylized "C" radiating in all directions. (Richard Wood)
Chile: The following letter was received by Bill Paschke with a QSL from La Voz de Chile, signed by Gustavo Heitmann S., Radio Nacional de Chile, Jefe Tecnico: "The Voice of Chile is at present broadcasting through the short wave lengths of Radio Nacional de Chile in...the following bands and frequencies- 6190, 9510, 9590, 15150. The Voice of Chile will shortly be broadcast through a greater number of frequencies, will increase the power of some transmitters, and is studying the possibility of simultaneously sending its programs in 2 or more languages. The Voice of Chile program is a daily summary of Chilean events, broadcast Monday-Saturday from 2030-0500 GMT and 0900-1100 GMT. A weekly summary of news is given on Sunday at the same times. these programs which extend over 20 minutes each, are broadcast in several languages in the following order: Arabic, Russian, German, Italian, French, English,

and Spanish. We would greatly appreciate your informing us on our transmissions as follows, Use SINPO Code (as normal), and Time of reception. Use GMT and local time (place of reception)."

Send reports to The Voice of Chile, Casilla 244-V, Santiago, Republic of Chile. (Bill Paschke)
China, P.R.: Radio Peking sends this English sked to North America-

To East Coast
0000-0100 11685*, 15060, 17673**
0100-0200 7120, 9390, 9780,

11945*, 12055*, 15060, 17715**, 17855**
0200-0300 11945*, 12055*, 15060, 17715**, 17855**

0300-0400 7120, 9780
1200-1300 9480*, 11685, 15095**

To West Coast
0300-0400 7120, 9460*, 9780, 11650*, 12055*, 15060, 15095, 15385**, 17735**
0400-0500 9460*, 11650, 12055*, 15385, 17735**, 17855**

(*)- Nov-April, (**) - May-Oct. (Michael Stine)

Colombia: La Voz del Muile, Neiva, noted daily on 6150. Sked apparently 1000-0500. (R. Wood)

Czechoslovakia: Radio Prague has English to N.A. at 0100 and 0300 on 5930, 7345, 9540, 9740, 11990. (Michael Stine)

Ecuador: Radio Turismo, Otavalo, noted on 3240 at 0415 s/off, power appears to be more than listed 200 watts. (Richard Wood)

Egyptian Arab Rep.: From beautiful, waterlogged St. Charles

county Lou Buehler sends this English sked of Radio Cairo-
To N. America 0200-0330 9475
To South Asia 1315-1430 17920
To E./C./S. Africa 1730-1845 17655

To W. Africa 2030-2200 17875
To Europe 2145-2300 9805 (Lou Buehler)

Ethiopia: ETLF has this English sked-

To West Africa
0530-0610 11890
1930-2015 11890

To East Africa
0410-0425 7165
1755-1810 9705

To Ethiopia
1655-1710 6065

To North India

1330-1345 11900

To South India

1330-1345 15190

To South Africa

1830-1910 7145

To Sri Lanka

1255-1325 15320

(James Whitehead, Michael Stine)

Finland: Radio Finland sends a sked of English programs valid to May 5th-

To North America

1400-1430 15185

0300-0330 9585

To Europe

1400-1430 9550, 11755

1800-1830 9550, 11755, 15185

2030-2100 9550, 11755

To South America

1400-1430 21605

1800-1830 21605

2030-2100 15185, 21605

(Don Moore, Arthur Getzel)

France: ORTF has English to Africa at 0515-0545 and 1030-1115 on 7175, 9710, 9680, 11860, 15155, 15295, 15190, 17720, 17730, 21500, 21580. (Lou Buehler)

Ghana: Radio Ghana's English transmission to North America at 2000-2100 remains on 11850. (Don Moore)

Germany, Federal Rep.: Deutsche Welle makes the following changes in its English sked effective March 3-- To Far East, Australia & N.Z. on 17780, replaced by 15390; To South Asia 0120-0220, 5965 replaces 6060; To Central & East Africa 0315-0425, 9545 is added; To West Africa 0600-0745 17765 replaces 7235; To North America 0130-0250, delete 6010. (Richard Wood)

Japan: Radio Japan has this English sked to North America-

2345-0045 15445, 11725

0100-0300 15235, 17725, 17825,

15445 (Jap-Eng-Sp)

(James Whitehead)

Mauritania: R.N.M. has apparently gone down 5 kHz in frequency: noted on 4845 instead of 4850.

(Wade Smith)

New Zealand: Radio New Zealand

has this English sked-

To Pacific Islands

0600-0845 9540, 11780

1700-1945 9755, 11780

2000-0545 15110

To Australia

0900-1145 9520, 11705

2000-0545 17770 (Lou Buehler)

Peru: Radio Samaren, Iquitos, using slogan "La Voz de la Selva Peruana", noted s/off at 0445 on both 4815 and 9769.5; s/on at 1030 on same. (Richard Wood)

South Africa: As a result of "a

deployment of transmitters", Radio RSA will effective May 5 shorten English xms to North America (presently 2230-0240) and suspend English to Australia and N.Z., Dutch to Europe, German to Europe, and French to Canada. This may be associated with the previously announced plan to introduce Spanish and Portuguese to Latin America. (Richard Wood)

Sweden: Radio Sweden has this English sked valid to May 5th-

To Europe

1100-1130 9630

1230-1300 9630

1600-1630 6065

2045-2115 6065

To Africa

1100-1130 21690

1830-1900 15240

To Far East

1230-1300 15105

2045-2115 9715

To East North America

1400-1430 17710

0030-0100 6000

0200-0230 6000

To South Asia

1400-1430 15240

0515-0545 17840

To Middle East

1600-1630 11930

1830-1900 11705

To West North America

0330-0400 6045

To Australia & N.Z.

0515-0545 11940

(Wade Smith, direct)

Togo: Togo sends this sked from

a QSL- 5047: 0530-0800, 1730-

2300; 7265: 0800-0900, 1200-

1400, 1630-1730. (Wade Smith)

Vatican: Vatican Radio has this latest English sked-

To Europe

1500-1515 7250, 9645, 11740

2045-2100 6190, 7250, 9645

To Africa

1000-1015 17840, 21485 *

1050-1055 17840, 21485 *

1150-1205 17840, 21485 *

1620- 9625, 11705, 15120

1710-1725 9625, 11705, 15120

1935- 9625, 11740, 15260

To America

0100-0115 5995, 9605, 11845,

To Asia

2230- 7235, 9615, 11705 **

To Australia/N.Z.

1125- 17840, 21485

2210- 7235, 9615, 11705

(*)- weekdays, (**) - Mon-Wed-Fri

The sked is unclear as to some of the endings of the transmissions. (Jack Jones, Mark Eckman)

73s, Mark wox9JKY

UTILITY REPORT



STEVEN J. HANDLER

1270 Carol Lane
Deerfield, IL. 60015

Deadline: 13th of the month

We have a ton of loggings and QSL reports this month, so I will skip the usual gab.

-----PTP RADIOTELEPHONE STATIONS-----

Freq.	Call	Time	Station Information and Data
4557	TUR84	0405	INTELCI-Abidjan, Ivory Coast EE/FF/YL/RCLSB/VM (Griffith)
6260A	TUP52	0627	INTELCI-Abidjan, Ivory Coast EE/FF/YL/SSB/VM (Chabak)
5293		0150	ANTELCO-Asuncion, Paraguay EE/SS/YL/USB/VM (Griffith)
5768	TRZ57	2224	TIG-Libreville, Gabon FF/EE/YL/RCSB/VM (Greenall)
5818		2140	PTT-Karachi, Pakistan EE/OM/SSB/VM (Schilde)
5850		0245	AT&T-Manahawkin, NJ (New York City) EE/LSB/VM (Kelley)
5910	5VH59	2232	PCR-Lome, Togo EE/FF/YL/RCSB/VM (Greenall)
6390A		0443	CTP-Palmais, Portugal CW/ID Mkr (Greenall)
6790		2008	Radio Orient-Beyrouth, Lebanon FF/OM/SSB/VM (Schilde)
6810	CLN42	0100	Bauta, Cuba SS/EE/Polish RTTY 425 hz shift, 66 wpm (Green)
6828		0720	FTS-Paris, France EE/FF/OM/RCLSB/VM (Griffith)
6885	NAW--	0350	AACR-Guantanamo Bay RCLSB/trf (Griffith)
6895	PBC	0630	PBC Goeree, Netherlands N13A-CW Mkr (Griffith)
6945	TJF69	0605	INTELCOM-Douala, Cameroun EE/FF/YL/RCLSB/VM (Griffith)
6957.5	NAW--	0229	AACR-Guantanamo Bay EE/OM/RCLSB/VM (Griffith) A NEW MKR!
6960A		0720	FTS-Papeete, Tahiti FF/YL/USB/VM (Dawson)
6960	5BC28	0549	CTA-Nicosia, Cyprus EE/SSB/OM/VM (Schilde)
6987	DBV	0220	DBV-Koenigswustern, E. Germany CW/QRA MKR (Griffith)
7305	VNV40	1010	EAORTS-Doonside, Australia EE/OM/LSB/VM (Griffith)
7375	CLN64	0410	IRTS-Bauta, Cuba EE/SS/YL/RCLSB/VM (Griffith)
7402		1954	Moroccan Radio Electric Center EE/FF/AA/OM/SSB/VM (Schilde)
7430	ZPB74	0956	ANTELCO-Asuncion, Paraguay EE/SS/YL/LSB/VM (Griffith)
7430	NAW--	0310	AACR-Guantanamo Bay EE/OM/RCUSB/VM (Griffith)(Dawson)
7490A		0610	IRTS-Habana, Cuba EE/SS/SSB/VM (Raymonds)
7560	FZL75	0758	FTS-Noumea, New Caledonia EE/FF/RCUSB/YL/VM (Griffith)
7580	HLB63	0245	KITO-Seoul, Korea Korean/USB/trf (Dawson)
7600	ZLZ22	0817	NZPO Himatangi, New Zealand CW/CQ MKR (Griffith)
7610	NAW--	0229	AACR-Guantanamo Bay EE/trf/USB to NYC (Dawson)
7635		0525	IRTS-Habana, Cuba EE/SS/YL/VM/LSB (Hardester)
7635	CLN77	0300	IRTS-Bauta, Cuba EE/SS/YL/RCUSB/VM (Griffith)
7940	5VH79	0900	PCR-Lome, Togo EE/FF/YL/LSB/VM (Griffith)
7947.5	CUB25	0848	CPRM-Fuchal, Madeira Is. PP/OM/VM & MM/RCLSB (Griffith) to Lisbon
8010	CUA37	0948	CPRM-Alfragide, Portugal MM/USB/VM (Griffith)
8037	CXL21	2214	PTT (La Senal)-Montevideo, Uruguay SS/YL/SSB/VM (Greenall)
8120	3IF	0620	Suva, Fiji EE/RTTY 300 hz shift, 66 wpm test & trf (Green)
9060	CUA43	1950	CPRM-Lisbon, Portugal CW/V mkr (Schilde)
9117	CUA45	2056	CPRM-Alfragide, Portugal CW/V mkr (Griffith)
9132.5	HPI	0223	TRT-Panama City, Panama SS/EE/OM/VM/AM (Chabak)
9215A		1945	FTS-St Denis, Reunion FF/YL/SSB/VM (Schilde)
9470	TUA59	0720	INTELCI-Abidjan, Ivory Coast EE/FF/YL/LSB/VM (Hardester)
9483	HZF948	0356	PTT-Jeddah, Saudi Arabia AA/EE/OM/VM/AM (Chabak)
9940	WNK39	0330	AACR-San Juan, Puerto Rico EE/OM/RCLSB/VM (Griffith, Brooks)
9980	JIK22	0530	Tokyo, Japan RTTY WX BC, 850hz shift, 66wpm (Green, D.)
10107		0530	ZPO-Lusaka, Zambia EE/OM/LSB/VM (Dawson)
10115	TTZ--	0601	PCR-Ndjamena, Chad EE/FF/YL/SSB/VM (Schilde)
10280	YZA9	1500	Belgrade, Yugoslavia EE/RTTY/News 850hz shift, 66wpm (Dale Green)
10333		0230	C&W St Georges, Bermuda EE/YL/USB/VM (Hardester)
10415	ZPG4	2340	ANTELCO-Asuncion, Paraguay EE/SS/USB/YL/VM (Griffith)
10430	5LFL10	2100	PCR-Monrovia, Liberia EE/FF/YL/RCUSB/VM (Griffith)
10435	FFK43	2110	FTS-Lyon (Paris), France EE/FF/OM/LSB/VM (Griffith)
10515	HEK9	2120	PTT-Schwarzenburg, Switzerland EE/FF/SS/YL/RCUSB/VM (Griffith)
10528	8RB47	0610	C&W Georgetown, Thomas Lands, Guyana EE/OM/LSB/VM (Dawson)
10700	ZLK48	1313	C&W Belize, Br. Honduras EE/OM/USB/VM (Simon)
10708.5	KUQ20	0630	Pago Pago, Am. Samoa EE/LSB/trf (Dawson)
10735	PCL50	2225	PTT-Kootwijk (Amsterdam), Netherlands EE/RCUSB/OM/VM (Griffith)

-----PTP RADIOTELEPHONE STATIONS CONTINUED-----

Freq.	Call	Time	Station Data
10800	5VH308	0349	FCR-Lome, Togo EE/FF/SSB/VM (Raymond)(Chabak)
10830		2158	IBOT-Addis Ababa, Ethiopia EE/Amharic/YL/SSB/VM (Schilde)
11028		0618	FCR-Bangui, Central Afr. Rep. EE/FF/YL/SSB/VM (Schilde)
11485	ZPN7	2345	ANTELCO-Asuncion, Paraguay SS/EE/YL/SSB/VM (Chabak)
12155	70S57	1642	C&W-Aden, Teman EE/OM/SSB/VM, interspersed with calls to Mogadishu, giving Yeman's call-sign. (Chester) Good Catch!
12331		0558	STIMA-D-Tananarive, Malagasy Rep. EE/FF/YL/SSB/VM (Schilde)
13390		2105	ZPO-Lusaka, Zambia EE/VM/USB (Joe Green)
13474	CLN404	1530	IRTS-Bauta, Cuba w/trf to Moscow RCLSB (Griffith)
13540	PCK23	1630	PTT-Kootwijk (Amsterdam), Netherlands EE/OM/RCLSB/VM (Griffith)
13665		1550	IRTS-Havana, Cuba EE/SS/YL/VM/RCUSB (Griffith)
13830	CQX40	2020	CPRM-Luanda, Angola PP/MM/YL/SSB/VM (Greenall)
13834	FZF38	1425	FTS-Ft-de-France, Martinique FF/YL/VM/SSB (Greenall)
13852		0620	PTT-Ankara, Turkey EE/Turkish/YL & MM/VM (Schilde)
13852	TUP35	1728	INTELCI-Abidjan, Ivory Coast EE/FF/YL/SSB/VM (Schilde)
13910	PPS20	2230	EMBRATEL-Rio-de-Janeiro, Brazil CW/V mkr (Griffith)
13970	CUA70	2215	CPRM-Alfragide, Portugal MM/RCUSB/VM (Griffith)
14902.5	ZEO69	0545	C&W Hong Kong EE/YL/SSB/VM (Chester)
14508		2235	EMBRATEL-Rio de Janeiro, Brazil FF/PP/EE/YL/OM/USB/VM(SJH)
14575	CXL26	2238	PTT(La Senal)Montevideo, Uruguay SS/YL/RCUSB/VM (Griffith)
14580		2205	ANTELCO-Asuncion, Paraguay YL/SS/USB/VM (SJH)
14605		2250	PTT-(La Senal)-Montevideo, Uruguay SS/YL/VM/RCUSB (Griffith)
14736	IRL27	1400	ITALCABLE-Rome, Italy Multi lang/VM/SSB (Greenall)
14860		1736	FTS-Paris, France EE/FF/VM (Green)
15770		0654	PTT-Lubumbashi, Zaire EE/FF/OM/SSB/VM (Schilde)
15940.5		2350	Shanghai Int. RT Terminal, P.R.China .CH/EE/FF/VM/YL/RCLSB & MM (Chenju) (Griffith)
16095	FZM60	1847	FTS-Noumea, New Caledonia FF/EE/YL/SSB/VM (Greenall)
16200	SWB		Apia, Western Samoa EE/trf PTT stn (Chabak)
16260	ETP26	1905	Addis Ababa, Ethiopia EE/RTTY 425hz shift, 66wpm test to Beyrouth
17385		1440	STI-Douala, Cameroun EE/FF/YL/SSB/VM (Schilde)
17470	ZPJ74	1050	ANTELCO-Asuncion, Paraguay EE/SS/YL/VM/SSB (Schilde)
17685	BSC43	0440	CGR-A-Taipei EE/SSB/VM (Chester)
18190	CXL31	1948	PTT-Montevideo, Uruguay SS/USB/trf (Dawson)
18338		0815	SLET-Freetown, Sierra Leone EE/YL/SSB/VM (Schilde)
18490	50U87	1730	Lagos, Nigeria EE/RTTY 300hz shift, 66wpm Reuters News and a test (Dale Green. 16260 is also Dales logging)
18575	VMA1	0120	Diggersrest, VC, Australia EE/RTTY 850hz shift, 66wpm test(Green)
18533	ZUD34	1422	ZUD-Olifantsfontein, S.Africa EE/AF/YL/USB/VM (Koret)
18665	LQC41	0635	Centr'l Int'l-Buenos Aires, Argentina SS/SSB/trf (Testa)
18685	CUA82	1850	CPRM-Lisbon, Portugal MM/ISB (Griffith)
19100A	CUC8	1351	CW calling XXF91 & XXF48 (Compton)
19137	XXI63	1120	PTT-Dili, Port. Timor V/mkr CW (Schilde)
19150		1425	ANTELCO-Asuncion, Paraguay EE/SS/YL/VM/USB 12note VM(Koret)
19275	CUC23	1745	CPRM-Lisbon, Portugal RCLSB/MM (Griffith)
19350		2018	FTS-Papeete, Tahiti FF/YL/VM/USB (Koret)
19417.5	FZP94	1745	FTS-Papeete, Tahiti EE/YL/RCLSB/VM (Griffith)
19470	WFK29	1454	IT&T-EE/OM/VM/SSB NYC (Compton)
19525	CXL33	1510	PTT(La Senal)-Montevideo, Uruguay w/trf to NY RCUSB(Griffith)
19565	HEK6	1530	PTT-Berne, Switzerland EE/FF/SS/VM/YL/ISB (Griffith)
19665	5LF19	1515	FCR-Konrovia, Liberia EE/FF/YL/VM/RCUSB (Griffith)
19690	AMX37	2100	Canberra, Australia EE/RTTY WX BC 850hz shift, 66wpm (D.Green)
19811		0715	CPRM-Luanda, Angola PP/OM/MM/VM/SSB (Schilde)
20017		0350	CTT-Baucau, Port Timor YL clg Sydney with ID (Chester)
20120		1410	ZPO-Lusaka, Zambia trf ISB to London (Griffith)
20363		0853	FCR-Lome, Togo EE/FF/VM/YL/SSB (Schilde)
20570	EHY23	1445	CTNE-Pozuelo del Rey, Spain w/MM/RCUSE (Griffith)
20600		1638	FTS-St Denis, Reunion FF/YL/SSB/VM (Compton)
20605	PZB49	1900	LTT-Paramaribo, Surinam RCLSB/trf (Griffith)
20615	FTU61	1655	FTS-Paris, France EE/FF/VM/OM/RCLSB (Griffith)
20640	FTU64	1550	FTS-Paris, France EE/FF/OM/VM/RCUSB (Griffith)
20660	HRZ66	1435	PTTA-Jeddah, Saudi Arabia EE/AA/OM/VM/USB (Koret)
20728	IRS29	1555	ITALCABLE, Rome, Italy EE/FF/IL/YL/USB-RC (Griffith)
20760	LQT36	2000	Cent'l Int'l-Buenos Aires, Argentina SS/VM/YL/USB (Griffith)
20810	LQT37	1150	Trabsradio International-Buenos Aires SS/YL/VM/SSB(Schilde)
22530	VPS225	0235	C&W Hong Kong CW/V mkr (Chester)

-----MILITARY STATIONS-----

Freq.	Call	Time	Station Data
2670	WLB300	0508	USCG Cutter Citrus trf w/Port Angeles (Chabak)
2670	NMR	0300	USCG San Juan Wx BC (Handler) (Chabak)
2670	NCW	0508	USCG Port Angeles working Cutter (Chabak)
2670		0531	USCG Astoria, OR WX & Notices to Mariners (Chabak)
2676.5	WLB302	0712	USCG Cutter Madrona with Portsmouth SSB (Chabak)
2678	NPDC	0105	USCG Cutter Red Cedar USB (Handler)
2697		0215	CIF CIFE 1 w/long count AM (Koret)
2716		0035	US Navy Destroyer USS Johnston with AM (Handler)
3078		0355	Loring Aeradio w/trf USB (Griffith)
3135		0024	Tactical Stns with British Accent. Zero Mike & Yankee Delta SSB (Hauser)
3287	CKN	0420	Dept of Defense, Vancouver w/NAWS MKR/CW (Griffith)
3625.5	NCI	0338	USCG Napoli, Italy w/cw AOB50 USB (Koret)(Simon)
3625.5	NCI2	0339	USCG Catanzaro, Italy w/USB to AOB50 (Koret)
3625.5	NCI3	0308	USCG-Lampedusa Is. trf w/AOB50 USB (Koret, Simon)
3625.5	NCI11	0435	USCG-Cagliari, Sardinia w/trf USB/OM (Simon, Koret)
3625.5	AOB50	0341	USCG-Estartit, Spain EE/trf/USB/OM (Simon, Koret)
3625.5	AOB60	0339	USCG-Estaca de Vares, Spain w/trf USB (Koret, Simon)
4043		1200	USS Nimitz SSB/trf w/Base (Handler) QSL states 'Nuclear Carrier'
4050	NBO4	1113	USCG Loran Sta French Frigate Shoals USB (Simon)
4050	NMO	0443	USCG Com Sta-Honolulu w/Kure Loran USB trf (Simon)
4380m		0531	USCG Com Sta-San Francisco w/WX BC SSB (Handler)
4495		0810	Pokerface & Parkway USB USAF? (J.Green)
4700		0531	Democination USB w/trf (Griffith)
4707		0523	Dunkirk w/Kilo Mike w/radio check USB (Griffith)
4704	CHR	0154	Trenton Military, Ontario w/trf USB (Griffith)
4746		0325	MacDill Airways w/USB trf (Griffith)
5328		0152	Pokerface & Civilian w/radio check USB (Griffith)
5430	CFH	0420	CFS (Navy) Ellerhouse, NS, Canada CW/V mkr (Griffith)
5800A		0722	IVANHOE, Norfolk, Va w/EE/OM/VN/SSB (Chabak)
5937	CUN	0335	Lajes Field, Azores w/LSB trf to Andrews (Griffith)
6501	CBX	Lourdesco Marques Radionaval, 0255 CW/mkr (Griffith)	
6512.5	GZV	0226	British Royal Navy, Vacoss, Mauritius CW/ID mkr (Greenall)
6697	NAM	0258	Ivanhoe w/EE/OM/VN/USB (Griffith)
6697		0410	Hampshire & Hickory Stick w/USB trf (Griffith)
6705	CHA	0044	St John's Military, Canada w/WX BC USB (Griffith)
6723		0113	Raspberry Jacksonville USB trf (Griffith) 10kw
6723		0110	Raspberry Cecil clg Zero Lima USB trf (Griffith)
6723		2135	Raspberry Rosie (NRR-Puerto Rico, Roosevelt Roads NAS) EE trf w/F9 USB (Koret)
6730	AFI	0118	McClellan AFB, CA w/EE/OM/VN/RCUSB (Griffith)
6728	CUN	0308	Lajes Airways w/USB trf (Griffith)
6753	VXA	0145	Edmonton Military, Canada w/CANFORCE 0720 USB (Griffith)
6753		0146	Fireside 1 w/Bleat 77 USB/trf (Griffith, Chabak)
6761		1830	Blast Control wkg Blast 23 USB, mentioned radar (Handler)
6761		0137	Democrat w/EE Foxtrot BC/SSB (French)
6761		0128	SAC Stations-Retail, Migrate, Democrat w/USB trf (Hickman)
7441	AOB50	0759	USCG Estartit, Spain w/USB trf (Griffith)
7441	NCI11	0831	USCG Cagliari, Sardinia w/USB trf (Griffith)
7441	NCI3	0832	USCG Lampedusa Island w/USB trf (Griffith)
7441	AOB60	0810	USCG Estaca de Vares, Spain w/USB trf (Griffith)
7492.5		0449	Bandpass w/EE/OM/VN/LSB (Griffith)
7503		0115	Lagic Local w/EE/OM/VN/RCUSB (Griffith)
8234.9		0450	USS John King (DD6) USB wkg NORATS-Puerto Rico USB (Hardester)
8472	NMR	0155	USCG Radio San Juan, PR QRU/CW Mkr (Hardester)
8972		2045	Caveanan wkg LMO3 USB (Griffith)
8989	AFI	0020	McClellan w/trf USB (Hardester)
8989		2213	Loring Aeradio w/trf SSB (Sellers)
8993		1500	Albrook AFB w/EE trf USB (Kelley)
8993		1500	MacDill AFB, FL w/EE trf USB (Kelley)
9905	NGD	0429	US Naval Com Sta-McMurdo Station, Antarctica w/trf LSB (Griffith)
9973	CCS	0612	Chilean Navy, Santiago, Chile w/CW/V mkr (Griffith)
10487	AEZ7	2326	US Army, Asmara, Ethiopia w/QRA mkr CW (Griffith)
10900A		0320	Missionary w/EE/OM/VN/SSB (Chabak)
11030		1750	Canadian Military?-Deburit & Gateway to CIP22&24 EE/USB (Griffith)
11209	CHR	2300	Trenton Military, Canada w/USB Trf (Griffith)
11249	CFH	1853	Halifax Military w/WX USB/EE/OM (Griffith)

-----MILITARY STATIONS CONTINUED-----

Freq.	Call	Time	Station Data
11565	NMC	2057	USCG Com Sta-San Francisco w/EE/OM/USB/VM (Koret) First CG VM?
12329	OVG	1725	Danish Navy-Frederikshavn CW/V Mkr (Griffith)
12935	NPN	1355	US Naval Com. Sta-Guam CW/V Mkr (Schilde)
13975.5	NAV	1800	US Navy Mars, Washington, DC w/NØ2IM USB trf (Griffith)
14585	CCS	2242	Chilean Navy, Santiago CW/V mkr (Griffith)
16180	NAM	2300	US Navy Com Sta-Driver, VA CW/V mkr (Dawson)
17975		1835	Migrate & Democrat with Giantstep BC USB (Griffith)
18009		2009	Torreador & Dunkirk w/trf USB(Griffith)
20225	NSS	1620	US Naval Com. Sta-Washington, DC CW/NCMP Mkr (Griffith)
20385	NPM	0025	US Naval Com Sta-Honolulu EE/trf/LSB (Dawson)
20631		1939	Outway w/Giantstep Broadcast USB (Griffith)
21890	CFH	1620	CFS (Navy) Ellerhouse, NS CW/NAWS Mkr (Griffith)

-----MARITIME STATIONS-----

4072.4		0710	Queen Eliz. II with LSB/trf/with KMI-Oakland (Dawson)
6350.5	VAI	2330	Vancouver, Canada CW/QSB Mkr (Hardester)
6467	ZSC	0352	Capetown Radio, South Africa CW/CQ MKR (Straumanis)
6474	JJF	0650	Tokyo, Japan Maritime Self Defense Force CW tfc (White)
6491.5	PJC	0540	Curacao Radio, Willemstad CW/CQ MKR (Straumanis)
8510	CCM	0308	Punta Arenas CW/V Mkr (Greenall)
8557	SPB4	0659	Szczecin Radio, Poland CW/V Mkr (White)
8570	XV2	0910	Saigon Radio, S. Vietnam CW (White)
8672	FFP2	0605	Ft de France, Martinique CW/V Mkr (Hardester)
8686	PKF	1100	Makassar Radio, Indonesia CW/trf list (White)
8690	3DP3	0743	Suva Radio, Fiji CW/CQ Mkr (White)
8696.2	FJP8	0530	Noumea, New Caledonia CW/V Mkr (Hardester)
8698	9MG	0714	Penang Radio, Malaysia CW/trf list (White)
8789.6	OSU	2012	Oostende Radio, Belgium EE/AM/OM/VM (Simon)
8742	HLP	1041	Pusan Radio, N. Korea CW/trf list (White)
12780.4	YU24	1848	Rijeka Radio, Yugoslavia CW/V Mkr (White)
13010A	UDK2	1441	Murmansk Radio, USSR CW/CQ MKR (Greenall)
13060A	TUA5	1443	Abidjan, Ivory Coast CW/CQ Mkr (Greenall)
17305	ICB	1502	Genova Radio, Italy EE/OM/IT/VM/AM (Koret) New MKR!
17321.5	BHY6	1935	Pozuidel Rey Radio, Spain EE/SS/OM/USB/VM (Simon)
17310	OSU	1710	Oostende Radio, Belgium EE/USB/VM (Moore)

-----OTHER STATIONS-----

5426	KRH50	0354	State Dept-Washington, DC QRA Mkr/CW (Griffith)
5750	KRF267	0800	Unidentified, base talking to mobile stns. Using 10 code(J.Green)
6925	KKN50	0840	State-Dept, Washington, DC CW/QRA MKR (Chester)
7380	KKN44	2050	US Embassy-Monrovia, Liberia CW/QRA Mkr (Schilde)
7662	KWL90	0926	Unknown CW/QRA Mkr (Griffith)
10063.15	'K'	0245	Unidentified CW/MKR (Hardester)
10250	KWS78	0605	Unidentified CW/QRA MKR (Schilde)
12022.5	KKN50	0039	Dept-of-State, Washington DC QRA MKR/CW (Griffith)
18468	KKN50	1258	Dept-of-State, Washington, DC QRA MKR/CW (Schilde)

+QSL REPORT+

ANTARCTICA: USNAVCOMMSTA NGD MCMURDO STATION, Operation Deep Freeze 74, Detachment A, Task Group 434, 11552 KHz, SSB, 10kw, rhombic to Palmer, PFC received via Air. v/s A.G.Ellison, Senior Chief Radioman, Communications, in 16 days for MS. (Griffith)

ANTARCTICA, AUSTRALIAN TERRITORY: ANARE, US Geological Survey, Iassiter Coast Reconnaissance, CASSEY STATION VNJ, 9940 KHz, SSB, 10kw, rhombic to Sydney, 1tr veri, w/Xmitr, pwr, ant, beam, freq., mode, and call, VS:J.M.Carver, rcvd direct via air in 1yr, 1month, & 6 days, for 3 IRCs. (Griffith)

ASCENSION ISLAND: CABLE & WIRELESS LTD sent large world card showing C&W companies. Frequency was 9760. 18 days for NO rp. (Beck) Good Going Bob!

AUSTRALIA: VNG sent full data 1tr in 3 wks for no rp. vs:Blaine Poolan(Moore)

EACTC-SYDNEY VNV9840 sent card in 23 days by air for 1 IRC/ vs:P.Huggan. Card has a picture of satellite ground station on address side. Back side has daylight path reception.(Whitehead)

EAORTS-SYDNEY sent B&W card w/full data, rcvd in 8 days returned 2 IRCs, vs:W.H.Cato, w/short 1tr. 7395 KHz, SSB, VNV40, 30kw, rhombic to Noumea (Griffith)

QSL REPORT CONTINUED

BERMUDA: CABLE & WIRELESS LTD ZFD44,9907.5,SSB,3.5Kw,caged dipole,directed 210°, returned full data PFC /VS/S.B.Garner by air in 13 days for ms (Simon)

CANADA: CHU sent Sir Sanford Fleming card in 2wks.v/Full data (Moore) VCN GRINDSTONE RADIO sent ltr QSL, describing island which is in the Magdalen Isld group in Quebec(Koret)

CHILE: CCM-Chilean Navy,Punta Arenaz sent card PFC will full data, Pwr as 1kW/ 1 month air for 1 IRC rp *+ SS rpt./vs/Jorge Mandiola Lagunas (Straumanis)

DENMARK: LYNGBY RADIO OXZ# 8598 sent white card w/full data,5kW. 28days by surface for 2 IRCs and EE/FF rpt. (Hardester)

FRANCE: SAINT LYS RADIO FFL36-17279.5 full data FF ltr. 16 days for FFRpt and ms(Simon)

GERMANY,EAST: DIZ NAUEN 4525,5kW,letter & PFC full data /vs/Dr.-Ing.M.Meining. 6 months for 3 IRCs(Simon) same 3 months for IRC (Raymond)

GREENLAND: GODTHAB PTT OXI-14900 sent ltr in 28 days for 2 IRCs/ (Testa)

GUYANA: C&W WI Ltd-Georgetown 16454 sent ltr w/full data in 63 days surface for 1 IRC. EE rpt. /vs/F.C.Simmonds (Compton)same,5 months for 1 month for 1 IRC each (Raymond's) 8RC 356khs, Timehri, cw beacon sent QSL ltr 15 days for 4 IRCs,returned (French)

HAWAII: HICKAM AFB 8967 ACA,USAF card w/full data. vs:ROBERT BRAZEN SMSGT in 14 days for ms.(Simon) USCG LORAN STATION UPOLU POINT NRO5, 4050, 750w,full data PFC, /vs/F.M.Hudson ET3,22days for SASE (Simpn) USNAVCOMSTA-NFM Lualualei (Honolulu) 5716.5 SSB,5kW,discone ant. full data PFC and short ltr. /vs/Grant Brinsfield,RMC stating that they are working on a project in relation to freq and antenna and distance of possible reception concerning 'quality' of their signal to their subscribers and stating tht their 1500ft towers are not operational. 22 days after 3rd report. (Griffith)

HONG KONG: C&W LTD 13879,ZEO61, 7Kw rhombic to Saigon,ltr w/date,time,approx freq,mode, approx power,type of antenna,veri stat./vs/P.J.Harlow,radio eng. for Gen.Mgr. along with a note from 'Lee' w/exact date,time,freq,call,xmtr,pwr,ant, 7 beam, 24 days, returned IRCs. (Griffith) C&W ZEO69 14902.5 ltr giving full data except ext freq/ /vs/ P.J. Harlow,Bad. Eng. 8 days for nør rp. (Chester)

IRELAND: SHANN AERADIO,tourist folder QSL,10days for IRC & EE rpt (Moore)

MALI: TELEMALI,Bamako 9178, 4kW to Dakar,full data FF PFC.signed & stamped. /vs/Le Gerant,34 days for MS (Griffith)

NATHERLAND ANTILLES: PJG-Curacao sent multi colored coat pf arms card w/full data 6491.5 in 7 weeks air, for 1 IRC.(Straumanis)

NEW ZEALAND: ZLO Royal New Zealand Navy Radio,Waioura. 8598sent PFC in 6 weeks air for 3 IRCs rp. /vs/Carl J.N.Edwards. Also sent pers. ltr (Straumanis)

NIGER: FCR-Niamey sent card in 8 days for FF rpt.5UP67-10846 (Testa's)

PUERTO RICO: NMR-USCG SAN JUAN 17002.4 full data PFC,XMTR at Isabella,PR (NAU-US Navy) 24 days surface. vs:Frank Nott,RM2 (Hardester) I got same (Handler) only 35 days for ms.

SOUTH AFRICA: ZSC-CAPETOWN RADIO 6467 sent PFC in 7 weeks air for IRC. /vs/G.R.J.Gray (Straumanis) ZUD-GPO Olifantsfontein QSL card with map and call ZUD in B&W. 30kW A3B. 2 years and 2 IRC's, full data card. (Holbrook) ZUD 25141 sent card in 21months-25days for 2 IRCs (Testa;s) ZUD 15950 sent card 69 days air for 2 IRCs. (Compton) ZUD 1458 30Kw card a lyr 1 month & 19 days. 3 IRCs (Simon) above ZUD all are Olifantsfontein. ZUD204-Pretoria 25335 sent full data card (B&W Map card) by air for no rp. 11 months (Vecchiola) ZUD45-Pretoria 13945 30Kw a new B&W map card full data in 2 years for 3 IRCs. (Griffith) I think they answer reports about once every two years or so. (Hi) ED

SPAIN: USCG LORAN STN AOB60 Estaca de Vares 3625.5, 750w PEP,35ft whip ant, PFC and short letter. /vs/Robert D/ Trevorrow,ET2/ 21 days for ms (Griffith)

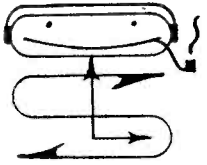
TAHITI: FTS-Papeete 19305 sent form ltr no data via Paris in 97 days air for 2 IRCs and FF rpt. (Compton) same only 42 days for 11665 khz and IRCs returned (Straumanis) same in 6 months for 7700khz and 4 months for 19305khz,both 1-IRC(Bob & Maureen Raymond)

ZAMBIA: ATE-Radiotel Adm-Lusaka 10107 card with hippo on front full data in 1½ months for 1 IRC. (Raymond) ATE-Radiotel ADM.-Lusaka 19430-Luwambashi FF ltr w/incorrect date in 1½ months for FF/EE rpt & 1 IRC. (Fleming) NOTE: ATE listed above should be ZAMBIA oops!

ADDRESSES:C&W Ltd,P.O.Box 597,Mercury House, Victoria,Hong Kong
Overseas Radio Eastern Terminal,3rd Floor,G.P.O.,Sydney,NSW 200,Australia
Telecommunications Internationales du Mali,B.P.273,Bamako,Mali
VNZ-Casey Station,Australian Antarctic Territory,c/o:Dept. of Science,
Antarctic Div.,568 St.Kilda Rd,Melbourne 3004,Australia

SORRY ABOUT ½ the LOGGING AND QSL REPORTS COULD BE USED AS I AM OUT OF SPACE,I WILL HOLD THEM UNTIL NEXT MONTH!

EDITOR:
Doug Snyder
3130 Woodmont Drive
San Jose, California
95118



Laborum dulce lenimen

SPEEDX
Countries
Verified
1974

133

Deadline: 15th of the month

P R E V I E W

Greetings everyone! First of all, a few words concerning this month's title head. Say hi to Mr. F.D. Verie, the happy QSL! He will be greeting you every month for the rest of the year. You will also notice the latin inscription below him. It reads: Laborum dulce lenimen. Translated, "The sweet solace of our labors." I am also including the number of countries reported verified in 1974. Our very lofty goal is 200. Good Luck!

This month I want to welcome Robert Chester, R.F. Guthrie Jr., Wendall Vogel, and Larry Yamron to SPEEDX. Mr. Chester sends his reports to us from Australia and Mr. Yamron is the distinguished editor of the QSL Section of FRENEX, the official publication of NASWA.

Going through this month's reports, I see that Radiodiffusion TV Algerienne has sent its full data card to Al Mayer and that Larry Yamron heard from La Voix De La Renovation, Gabon. The Leisters, in California, received verification from ORTF, Djibouti, Afars & Issas and Al Sizer verified the Bangkok Meteorology Radio, Thailand. I myself was very glad to receive my verification from Radiodiffusion TV Tunisienne. Of course, there are other great reports such as Brunei; Bougainville Island; Mataram, Indonesia; and many others on this, the yellow brick road of QSL's!

E U R O P E

BELGIUM: ORU, 6055; Map card w/ date & freq. only; also rec'd sked & Mailbag letter; in 21d air; no rp. (EARHART PA) Same card, no time; 25d air, no rp. (VOGEL PA)

BULGARIA: R. Sofia, 9700; Rec'd 8 color PC's for 5 reports; date & time only on cards; in 189d surface, no rp; also rec'd letter explaining DW interference. (EARHART PA)

CZECHOSLOVAKIA: R. Prague, 5930; PC of Kroje-Podluzi - National costumes in 137d air for 2 IRCs & local PC. (VOGEL PA) PC of Zvikov Castle, full data; in 147d air, no rp; this report also for 17840; (EARHART PA) 7345; F/data Prague buildings card in 60d for no rp. (VOCKEROTH PA) Do you realize that every report so far has been sent in from the great state of Pennsylvania? I thought you guys were too busy streaking to be doing any dx'ing! Lipno Dam card in 20d air, no rp. (DAY CA) 9740; Prague buildings card in 120d air, no rp. (RADTKE CA) I had four different spellings of the V/s, so I won't use it.

DENMARK: R. Denmark, Copenhagen, 15165; Radio house Aerial card w/f/data in 86d air, 1 IRC; (SMITH TN) Same card, f/data; 44d air, no rp. (WICKETT MD)

FINLAND: R. Finland, Helsinki, 15185; Full data "Winter in Finland" card in 14d air, no rp. (MOORE PA) Same card, f/data + sked & great circle map; in 15d air. (LOBDELL MA) Glad to hear from you Chris! -ds- Same card, f/data; 15d air, 3 IRCs. (VOGEL PA)

FRANCE: ORTF, Paris, 15120; Orange card with 10 photo inserts; date, freq. only; in 40d surface, no rp. (EARHART PA) Same card, 31d air, no rp. (WICKETT MD)

GREAT BRITAIN: BBC, 5975, 9510, 9825; DX Award certificate w/ f/data in 48d air, no rp. 9510 freq. is Ascension Is. (MOORE PA)

HOLLAND: R. Nederland, Hilversum, 11730; F/data DX Jukebox Team card, with autographs, in 42d air, no rp. (BECK OH) Queen Juliana card in 20d air, 1 IRC. (DAY CA) 2 Royal Family & 1 73's card for 3 reports; in 11, 11 & 12days air for IRCs. (TESTA'S MA) Amsterdam ship card in 25d air, full data; no rp. (VOCKEROTH PA)

HUNGARY: R. Budapest, 9833; Full data B & W PC in 80d air, no rp. (EARHART PA) Purple card showing a state building, in 60d air, no rp. (RADTKE CA)

ITALY: RAI, 6010; Card, number 1 in paintings series w/full data, but wrong date; in 94d surface, 1 IRC. (STRAUMANIS IL) 9575; "La pastenza di Tobio" art card in 150d surface, no rp. (MEEHAN CA) 11810; Card, number 1 in series, in 163d surface, no rp. (MOORE PA) And finally! 15385; "Il Settecento Italiano" card in a long 150d surface, 3 IRCs. (TRZASKUS IL) It finally came, Rosemary! Dats a gud.

MONACO: TWR, Monte Carlo, 6090; B & W antenna card w/full data; in 67d air, 2 IRCs. Also rec'd sked. (SMITH TN) 6165; Full data card + sked, pennant & religious booklet; in 150d, no rp. (FLEMING NY) F/data Studio card, B&W, in 116d air, 2 IRCs. (MAYER IL) 7290; F/data card in 116d air after follow-up report. Total E.T. 330d; 2 IRCs. (MAYER IL)

NORWAY: R. Norway, Oslo, 11850; Vigeland Sculpture Grounds card + sked in 30d air, no rp. V/s: G.H. Sahl. (RADTKE CA) 15175; F/data "Winter in Norway" card, 56d surface, no rp. (BODELL OR)

you really know what you're doing, my suggestion is to find someone who does. If the rx is only a little off, then it may be worth your time to experiment.

Finally, I would like to comment on tubes. I highly suggest that all of the tubes found in your receiver at the time of purchase (unless they are new) be replaced. In the past, I have used Radio Shack tubes in my HQ, and no problems have developed. However, their prices on some tubes are a bit high; it may be a good idea to shop around before buying. I can honestly say it is also a good idea to buy a spare set of tubes. I learned the hard way, when some tubes in my HQ blew. There were no SW tubes in stock at the local Radio Shack, and I was without my radio for over two weeks.

I hope this article helped to give SPEEDXers an insight on old radios. They still have a lot to offer.

ICOM UPDATE

by Ronald Pokatiloff, IL

Robert Lonn is planning to make available an external controller for the IC-R70. He wants to keep it down to about \$100. I think I talked him into having keyboard entry and maybe some memories, instead of his original idea of about 21 channels. Bob knows about the LSB problem and will see what he can do. Mr. Lonn, a technician with a cable firm and a ham, told me the ICOM people are very happy with the R70. He believes that the ICOM equipment is superior to Kenwood or Yaesu. Interested parties should contact him at his home, 1162 Melrose Ave, Chula Vista, CA 92011. He will keep the names on file. It is important to note that ICOM is not planning an external controller. Also be advised that the noise blanker on the ICOM may distort a strong signal with fade. Keep it off unless you need it.

In addition, the AM passband tuning can be adjusted by the service center to improve the selectivity on the IC-R70. The PBT on the R70 narrows the filter in either direction. . . this produces, in effect, an IF shift. I had my set. . . coming from an early production run. . . realigned, and it now works well in AM as well as SSB. This PBT adjustment makes the ICOM even better on AM, to take good advantage of the radio's powerful, good audio.

NEW DEVICE TO IMPROVE FM RECEPTION IN CARS

by Bob Treanor and Pete Kreer, OH

Consumer demand for better FM auto radio performance is responsible for greatly increased sales of two FM stereo Expanders from the Antenna Specialists Co., according

to Robert Treanor, the company's Director of Marketing. Installed in-line between the broadcast receiver and antenna, the ASC-100DX and its sister model, the ASC-100, provides a signal boost up to 13 dB on FM, virtually eliminating weak station fading or "picket fencing" so often experienced in suburban and rural areas.

"Auto manufacturers have yet to solve the problem of inadequate FM antenna performance, and not solution is expected soon," Treanor says. "The ASC-100DX and the ASC-100 solve the problem by compensating electronically."

The compact ASC-100DX is a deluxe unit designed for attractive under the dash mounting. Measuring just $3\frac{1}{2}$ " x $2\frac{1}{4}$ " x $1\frac{1}{4}$ ", it's packaged in a tough plastic cabinet with a simulated woodgrain panel. It also features an indicator light and an on/off switch for additional control in very dense FM station locations such as downtown major metropolitan areas. The ASC-100 provides identical FM performance as the ASC-100DX, but doesn't feature an on/off switch. it installs completely hidden up under the dash. Suggested list price of the ASC-100DX is \$28.00. The ASC-100 has a suggested list price of \$25.00. Additional information may be obtained locally from Antenna Specialists Co. representatives or by writing to: The Antenna Specialists Co., 12435 Euclid Ave., Cleveland, OH 44106.

THE NEW KENWOOD R-2000

by Fred Osterman, OH

According to Fred who is now working for Universal Amateur Radio, Inc., the new Kenwood R-2000 offers an exciting range of features never before available in a consumer receiver. While this radio offers most everything the average listener would want, it is lacking in one key feature: infinite tuning resolution. Serious DXers of the non-voice modes such as CW, RTTY and FAX require very precise (fine) tuning. In the trade, this continuously adjustable fine tuning feature is known as R.I.T. or receive incremental tuning. However, Fred states that Universal is offering the R-2000 with an R.I.T. control. Universal is suing the space formerly occupied by the tone control for the RIT control. A color matched decal is used to cover the tone control indication.

Universal is offering the R-2000 with a RIT at 579.95. The list price of the receiver is 599.95. Without a RIT, you pay only 549.95. In addition, Universal is offering the R-2000 with a variety of selectivity modifications. Universal is a fully authorized sales and service center for Kenwood. For further information write to Universal Amateur Radio, Inc., 1280 Aida Drive, Columbus, OH 43068.

PORTUGAL: R. Port-

1 Explorers Map
2 IRCs & EE rpt.
a Crafts card from
(WICKETT MD) 21495;
in color; #8 in DX
ledgement only; in
(DURANT THAILAND)

ROMANIA: R. Bucharest,

"House" card + sked &
120d air, no rp, EE
Full data Romanian
Rom. stamps; in 48d air

RSFSR (EUROPEAN): Radio

data white-on-blue card
in 21d air, 1 IRC.
Vinnitsa; nice purple
days air, no rp.; EE rpt

SPAIN: R.N.E., Madrid, 6065;

beautiful pennant in 46d
(MOORE PA) B&W station
RNE, 11920; Same card, B&W
of antennas; date & freq
rp.(CHESTER AUST.)

SWEDEN: R. Sweden, 17710; Map

rp. (LOBDELL MA)

SWITZERLAND: SBC, Bern, 6120;

for no rp.; full data; V/s:
card in 52d surface for 2 IRC
data in 60d surface, no rp.

USSR (NO SITE): R. Moscow, 7150;

except sites, for a 5 day
days, no rp.(VOGEL PA) RM,
rpt. & bushel of wheat! (M.
& letter in 29d air.(MILLER CA)
R. Station Peace & Progress

in 112d surface, no rp.(SNYDER CA)

VATICAN STATE: Vatican Radio, 5995;

sked. (RADTKE CA)

POLSKIE RADIO WARSZAWA



ugal, Lisbon, 6025;
card in 13d air for
(DAY CA) In 11d air,
DX club; no rp, EE rpt.
Card w/"Spinning" scene
Club series; acknow-
17d air, no rp, EE rpt.

5990; "Radio Bucharest
pocket calendars; in
rpt.(RADTKE CA) 9590;
Folk Instruments card +
for no rp.(CLEVELAND CA)
Moscow, 7200; Armavir; Full
+ sked, stamps & pennant;
(KELLEY FL) RM, 7240,
graphic card + pennant in 45
(MAHONEY IN)

Antenna card + SS sked &
air for no rp & EE/SS rpt.
card in 94d air, no rp.(SEMKO)
station card, with picture of
only; in 42d for EE rpt. & no

card w/full data in 15d air, no

B&W Basles Griffin card in 85d air
J.A. Chishom.(SEMKO NY) 9535; Same
(VOGEL PA) 11870; Same card, full
(EICHENHORN MI)

5 different cards with full data
report done on RM report form; in 26
9660; Full data card in 30d for EE
RAYMOND MA) Blue circle card + flag

11775; F/data small blue card & sked

Pope Paul card in 14d air, no rp & no

A F R I C A

AFARS & ISSAS: ORTF, Djibouti, 4780; Full data B&W card in 16d air; for
2 IRCs & FF rpt. (LEISTNER CA)

ALGERIA: Radio TV Algerienne, 15420, 17790; Blue & white full data card +
sked & rpt. form; in 140d surface for 2 IRCs & FF rpt.(MAYER IL)

ANGOLA: R. Clube do Huambo, Nova Lisboa, 5060; multilingual drummer card w/
verle statement only; also rec'd my tape back; in 25d surface(?) for PP
rpt. & MS.; also sent PC & used Canadian stamps.(MARSHALL ONT.)

Voz de Angola, 9660; Color PC with scenic photo of Luanda; F/data;
in 147d for 3 IRCs.(EARHART PA)

ASCENSION ISLAND: BBC, 9510; Thames card w/freq. & "BBC Atlantic Relay" in
52d surface, no rp. (SMITH TN)

AZORES: Emisora Reginal dos Acores, 4865; colorful full data card of
clipper ship in 42d air, 1 IRC & EE rpt; sent to Azores; rec'd from Lisbon.
(MAYER IL)

CANARY ISLANDS: Radio Nacional de Espana, Tenerife, 11800; B&W Antenna card
in 75d air for EE rpt. & 1 IRC. They want reports on their broadcasts in
the 19 meter band.(LEISTNER CA)

CONGO: Radiodiffusion TV Congolaise, 15190; F/data FF Form letter in 81d air
for 2 IRCs and EE rpt.(BODELL OR) 4765; f/data ltr., in 58d air, 2 IRCs
and Gilfer rpt. form. (SMITH TN)

EGYPT: R. Cairo, 9475; B&W print card in 124d air for 1 IRC; also rec'd sked,
ltr., PC & a pharoahs curse! (BROOKS CT) How's your mummy, Alan?

GABON: La Voix De La Renovation, 4777; Full data map card & letter from
Chief Technician in 21d for FF rpt and MS.(YAMRON PA)

GHANA: Radio Ghana, Accra, 3295, 4915; card and letter, both verid 4915,
but no mention of 3295; in 109d air, 2 IRCs. (MOORE PA)

GBC, 21545; F/data card in 75d surface, 1 IRC.(KELLEY FL)

GUINEA: Voice of the Revolution, Conakry, 9650; thin paper form with full
data in EE; in 30d for MS and FF rpt.(EARHART PA)

IVORY COAST: Radiodiffusion TV Ivoirienne, Abidjan, 11920; Map card in 18d
air, 2 IRCs and EE rpt.(VOGEL PA) Same B&W map card in 38d for 1 IRC
(EARHART PA)

MALAGASY REPUBLIC: R. Nederland, Tananarive, 11740; F/data World DX Friendship card + DX Jukebox team card in 15d air, no rp. (DURANT THAILAND)

MOROCCO: VOA, 7270; Antenna card w/no date in 10d, no rp. (M. RAYMOND MA)

MOZAMBIQUE: Radio Clube de Mocambique, Lourenco Marques, 11280; Color PC of xmr facilities & 20 cancelled stamps in 112d air for 2 IRCs and EE rpt.; V/s: H. Sequeira. (LEISTNER CA)

NIGERIA: Radio Nigeria, Calabar, 6144; Network card, p.w. skeds for HS(Home Service & Foreign Service, as well as a hand drawn map of Nigeria locating Calabar; in 24d for no rp. (KORET NY)

Voice of Nigeria, Lagos, 7275; Green/white flag card w/full data, but wrong freq., in 26d air, 3 IRCs. (SNYDER CA)

RHODESIA: RBC, 3396; Full data card in 30d, no rp. (YAMRON PA)

SENEGAL: R. Senegal, Dakar, 11895; stringed instrument card with date & time only in 20d air for 1 IRC & SPEEDX rpt. form. (WICKETT MD)

Same card, full data in 16d air for 2 IRCs, EE rpt. (SEYNOUR NC) hi!

SOUTH AFRICA: SABC, Johannesburg, 4875; South African Industries card w/full data in 21d air, no rp. (EICHENHORN MI) 4790; Industries card in 11d air, no rp. (MILLER CA)

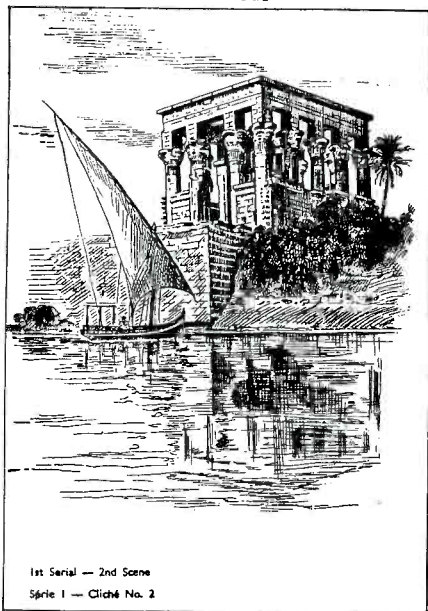
Same, F/data, 21d air, norp. (EICHENHORN MI) Same card + sked and booklet on SA in 15d air, no rp. (REDMAN IL)

Radio RSA, 9695; Leopard card in 18d air, 2 IRCs. (VOGEL PA) Coral Tree Blossom card + nice calendar printed in EE/Afrikan; in 10d air, no rp and Afrikaans rpt. (MAHONEY IN) Good show, Mike! The Protea card in 30d air, no rp and EE rpt. (MAHONEY IN) RSA, 11900; Coral Tree Blossom w/full data; in 24d air, 2 IRCs. (PASCHKE WI) 21535; The Protea card (S.A.'s national flower) in 24d air, no rp. Reported on DX Monitor Panel form. (DURANT THAILAND) 21545; Lions; Game Reserve card in 40d air, no rp. (DURANT THAILAND)

TOGO: R. Togo, 5047; F/data map & globe card in 135d for 1 IRC (M. RAYMOND MA)

TUNISIA: Radiodiffusion TV Tunisienne, Tunis, 11970; F/data color PC of girl fetching water at pool; in 23d air for MS(not used) and EE rpt. Very friendly comments on back of card. (Got any ras, Joe?) hi! (SNYDER CA)

EGYPT



Contributed by Alan Brooks

ASIA

BRUNEI: R. Brunei, 7215; Map card w/full data & sked in 30d air for EE rpt. and 3 IRCs. (YAMRON PA)

BURMA: BBS, Rangoon, 5040; B&W full data standard BEs card + sked & brochure in 90d air for 3 IRCs and EE rpt.; sent from Rangoon. (LEISTNER CA)

CHINA (PEOPLES REPUBLIC): P. Peking, 9020; Industrial Development card & mags in 42d, no rp. (MILLER CA) 11965; Yangshuo Landscape card + pennant in 25d air, (CATEY IL) F/data Yangshou Landscape card & pennant, sked & PC's; in 19d air.. (PASCHKE WI) Same card, no time, in 21d air, 1 IRC; also rec'd sked & stamps. (KELLEY FL)

CYPRUS: BBC, 6180; no data Thames card; "E. Mediterranean Relay" only; in 42d, no rp. (M. RAYMOND MA)

INDIA: All India Radio, 11810; F/data Srirangam sculpture card + sked; in 35d surface for 1 IRC and EE rpt. (KELLEY FL)

INDONESIA: RRI, Mataram, Lombok, Lesser Sunda Islands, 6223; EE ltr. w/full data as well as call-sign as YDU20. Details of other freq.s were also given. In 75d for EE rpt., Australian stamps & PC. No rp. (CHESTER AUSTR.)

RRI, Ujung Padang, 9054; (Celebes) rec'd two letters registered mail for 1 report! Full data cards in 28d from V/s: Slamet Poedjono, Dir. of Nusantara 1; EE rpt. & 4 IRCs. (YAMRON PA)

Voice of Indonesia, Jakarta, 11795; Full data Ketjak Dance, Bali card in 50d air, 2 IRCs, EE rpt. Wrong freq. (11715) (DAY CA)

IRAN: Voice of Iran, 15084; received, via registered mail, very attractive full data card showing xmtr building; in 150d for 1 IRC. (M. RAYMOND MA) I know what you mean, Maureen- I rec'd a New Year's card from S. Korea, but no QSL yet!

IRAQ: Radio Baghdad, 9745; F/data colorful map card + old sked, and tourist info; in 91d surface; 2 IRCs, EE rpt. (BODELL OR)

ISRAEL: IBA, Jerusalem, 7095; F/data Menorah card in 45d air, no rp & EE rpt. (EICHENHORN MI)

JAPAN: Radio Japan, 11725; Traditional Living Room card, no time, in 52d air for no rp. (EARHART PA) 11875; Same card, 18d air, no rpt; used their rpt. form. (DURANT THAIL.) 15105; Same card, f/data in 11d air, no rp. (PASCHKE WI) Same card w/date & freq. only, in 12d air, no rp. (LOBDELL MA) 15445; xSame card, 9d. (DAY CA) Same, 12d (MEEHAN CA) Same, 21d (MEEHAN CA) Something tells me that they have alot of 'Living Room' cards!


Nihon Short-Wave Broadcasting Co. (NSB), 3925; Color, Hand On the Control Panel, saying "TNX FR UR QSL"; f/data; also rec'd green disc jockey card w/note; in 11d air, no rp. (BODELL OR)

JORDAN: R. Jordan, Amman, 11810; Sent colorful PC w/full data for tentative report; in 21d air for EE rpt, 2 IRCs. (KORET NY) PC of the Ruins of old building, Petra; in 37d air for 1 IRC and EE rpt. (O'SHEA NY)

MALAYSIA: BBC, Tebrau; no data card except site in 53d surface, 1 IRC (DAY)

PHILIPPINES: FEBC, 7255; F/data 25th Anniversary card in 150d + sked & relig. info; for 2 IRCs. (FLEMING NY)

Voice Of The Philippines, Manila, 9580; Pink card (invisible ink thereon reveals map of hiding places of old Japanese soldiers) also rec'd questionnaire, sked & 3 mags; in 42d air for MS. (BROOKS CT) Same pink card w/date & frequency only in 214d air for 2 IRCs; V/s: Ernesto G. Madrid, Mgr. (HARDESTER CA)



REPUBLIC OF VIETNAM

Q S L

de

N° 3, Phan đình Phùng St.
SAIGON

We confirm your reception of our station broadcasting from Saigon

on November 4, 19 73 at 21.35 local time (GMT + 8)

on 62 m or 4877 kc/s.

Many thanks for your report.

V T V N

RADIO VIETNAM

SABAH: R. Malaysia, Kota Kinabalu, 4970; Map card w/date & freq. only + sked & letter in 23d air for 3 IRCs & EE rpt.; V/s: Mr. Henry Kinujim, for Director of Broadcasting. (SNYDER CA)

SARAWAK: R. Malaysia, Kuching, 4950; F/data Broadcasting House card in 14d air for 1 IRC (BODELL OR)

SEYCHELLES: FEBA, Mahe Is., 11890; Orange & gray map card w/full data + new sked, used stamps and religious info; in 55d air, 2 IRCs (BODELL OR)

THAILAND: R. Thailand, Bangkok, 9655; Yellow & white Map & Antenna card with full data, but listed wrong freq.; (11910); they invited reports, promised verifications and said no rp necessary; in 65d surface, 2 IRCs (ZVONE CA)

Bangkok Meteorology Radio, 7863; Verified with letter, post card & card brochure giving data on station; in 21d for EE rpt. & 3 IRCs; V/s: Chote Kliewtong for Chief, Telecommunications Division, Meteorological Dept., 612 Sukumvit Rd., Bangkok 11, Thailand. (SIZER CT)

TURKEY: Voice Of Turkey, Ankara, 9515, 11880; Topkapi Harom card w/date & freq only; in 30d surface, no rp. (EICHENHORN MI) Same card, 68d surface for 2 IRCs. (DAY CA) Same, 65d, no rp; (EARHART PA)

UZBEK SSR: R. Tashkent, 9600; Full data red, white & blue map card + 2 PCs & personal ltr. in 65d air for 1 IRC.(LEISTNER CA) Same "Chimes Tower" map card w/full data in 57d air; also rec'd sked, PC, & ltr.(ZVONE CA)
VIET NAM (DEM. REP.): Voice Of Vietnam, Hanoi, 10040; No data folder card with "Greetings from Viet Nam 1974"; in 120d air, no rp. (BODELL OR)

OCEANIA

AUSTRALIA: R. Australia, 5995; (Lyndhurst); Full data 73's card in 150d surface, no rp.(EICHENHORN MI) Peter Homfray DX card in 90d surface, no rp.(MOORE PA) Peter DX card + sked & pgm guide in 90d surface, no rp. (TURNER IL) 9580, Shepparton; Bearded Greenhood (a flower) card in 90d surface, no rp.(MOORE PA) 3 cards in Wildflower series for 3 reports in 56,56, & 54d surface, no rp. (TESTA'S MA) 17795; Shepparton; Vanilla Lily card in 78d surface, no rp.(DAY CA) Same card, 70d.(GAEDE CA)
 ABC, VLW9, Perth, 9610; Blue map card of Western Australia in 60d air, no rp.(REDMAN IL) ABC, VLH9, Melbourne, 9680; F/data map card in 180d for 1 IRC. (FLEMING NY)
BOUGAINVILLE ISLAND: R. Bougainville, 3322.5; Full data folder card in 30d air for 3 IRCs, cancelled U.S. stamps; in response to my telling him the temperature was -35°F, he said the temperature was +87°F.(d'ADOLF ND)
NEW ZEALAND: R. New Zealand, 15110; Standard blue/orange globe card & tourist info in 120d surface, 1 IRC.(KELLEY FL) Same card, 120d surface, no rp.; also sked, tourist info.(MEEHAN CA) Same, 180d surface for 2 IRCs. (SMITH TN) Same, no time listed, in 146d surface, no rp.(MOORE PA) Same, 330d. (GAEDE CA) Long time getting here, wasn't it Allan?
PAPUA: PNGBC, Port Moresby, 4890; Blue/yellow map card in 135d surface, no rp.(REDMAN IL) 9520; Same card, full data in 150d surface, 1 IRC.(KELLEY)
 R. Milne Bay, Alotau, 3360; Personal letter with no data, just verie statement in 18d air, for MS & PC.; V/s:D. Samano, St.Manager(SNYDER CA)
TAHITI: R. Tahiti, 11825; Blue listener card in 240d for EE rpt., 1 IRC. (CHESTER AUSTR.) 15170; Listener card w/full data in 120d air for EE rpt. and 2 IRCs.(KELLEY FL)

NORTH AMERICA

CANADA: Radio Canada International, Montreal, 5970; F/data Speaking to the World card in 20d surface, no rp.(PASCHKE WI) 6085; F/data Speaking to the World" card in 19d air, no rp.(LOBDELL MA) Same card, 25d surface, no rp.(REDMAN IL) Same, 57d air, no rp.(SEMKO NY) Same, 30d surface, no rp.(DAY CA) 6135; Speaking card in 30d surface, no rp.(MEEHAN CA) Same, 24d surface, no rp.(MILLER CA) 9610; Speaking To The World card w/full data in 21d, no rp.(FLEMING NY) 9625; Same card, 21d surface, no rp. (TRZASKUS IL) 11825; Same card, 18d surface, no rp.(TURNER IL) 11860; Green & blue PC-map of Canada w/full data in 35d, no rp.(VOCKEROTH PA) CFRX, Toronto, 6070; F/data abstract painting card in 9d surface for 1 IRC.(V/s: C. Eastwood) (SMITH TN) Same card in 11d surface for 1 U.S. dime. (MEEHAN CA)
 CHNX, Halifax, 6130; Plain white card w/no time in 22d for no rp. (M. RAYMOND MA)
 CKZU, Vancouver, 6160; Blue CBC Vancouver card in 10d, norp(BODELL OR)
COSTA RICA: R. Capital, San Jose, 4832; no data letter in 30d air for 2 IRCs and SS rpt.(V/s: Ana L. Alpizar M.) (MAHONEY IN)
 TIFC, Faro del Caribe, 9645; Red & white card with no data although space was provided for entering such; also rec'd letter; in 90d air for 1 IRC and SS rpt.(MOORE PA) Card w/freq. only in 60d air for no rp & EE rpt.(EICHENHORN MI) Full data card in 7d air, 1 IRC & EE rpt. (KELLEY FL)
CUBA: R. Habana, 9525; Blue circle card + letter, sked & program guide in 135d air, no rp.(MEEHAN CA) Same card; SS lang. QSL for EE rpt. of SS broadcast; in 135d air, no rp.(MEEHAN CA) Same blue circle card in 270d air, no rp; reported in SS.(RADTKE CA) 11910; Blue circle card in 210d surface, no -oops - 1 IRC, EE rpt.(KELLEY FL) / 9 F/data cards for only 3 philatelic answers; no report sent; in 70d air, no rp.(MOORE PA)
HAITI: Radio 4VEH, 11835, 4VEJ; Vertiers Memorial card w/full data in 85d for no rp.(BUTLER VA) Same, 17d air, MS; sked, info.(STRAUMANIS IL)
HONDURAS: Radio Progreso, El Progreso, 4920; SS form letter w/date only + Angel pennant in 13d air for MS and SS rpt.; V/s: Jerry E. Tolle(MOORE)
 La Voz de Honduras, Tegucigalpa, 5875; Letter of c'nfirmation w/date & frequency on Emisoras Unidas letterhead + green/white Unidas pennant #18025 & cancelled stamps; in 56d air for MS and SS rpt.; V/s: Carlos E. Riedel - Program Dir. (CLEVELAND CA)

MEXICO: XEQM, Pantera Juvenile, 6105; QSL'd with SS letter, large poster, decals, post card and 45rpm record of Mayan mx for SS rpt., 2 IRCs in 42d. V/s: Luis de Sales Cob Estrella, Jefe de Personal; Address: Sistema Radio Yucatan, Publicentro de Merida, Calle 62 No. 526, Merida, Yucatan, Mexico (SIZER CT)

NETHERLANDS ANTILLES: Trans World Radio, 11815; TWR information folder in 16d air for 2 IRCs. V/s: Julius F. Schipper. (TRZASKUS IL) Transmitter card w/full data in 83d; also sent bumpersticker. (BUTLER VA)

Radio Nederland, 6165; DX Jukebox Team card in 11d air, 1 IRC (DAY) EDXC card featuring R. Norway; in 14d air, 1 IRC. (DAY CA) 11730; EDXC card World DX Friendship in 12d air, 1 IRC + list of EDXC publications; (MOORE PA) EDXC card in 16d air, 1 IRC. (SMITH TN) DX Jukebox Team card in 15d air (MOORE PA) Queen Juliana card in 19d air, 3 IRCs; (TRZASKUS IL) U.S.A.: VOA, Greenville, 11840; Antenna card w/freq. and time; in 5d V/s: Monica Vall (WICKETT MD)

WINB, Red Lion, 17865; Full data white card in 63d surface, no rp. (SEMKO NY) 11775; F/data card, 31d surface, MS. (V/s: Rev. John M. Morris) (SMITH TN)

V. of the OAS, 11740; Card w/no time; 14d, no rp. (M. RAYMOND MA) TURKS & CAICOS ISLANDS: Turks Island Radio, 4788; Full data letter after registered f/up for tape report V/s: John Bullivant. (YAMRON PA)

S O U T H A M E R I C A

ARGENTINA: RAE, Buenos Aires, 9690; Globe card w/full data in 198d air for no rp and EE rpt. (GUTHRIE AL)

BRAZIL: R. Guarini, Belo Horizonte, 6175; No data globe microphone card for MS and tri-lingual form. (EICHENHORN MI) time?

Radio Nacional de Brasilia, 15445; Full data Monumento ao Candango card + sked & pennant; in 35d air for 2 IRCs. (STRAUMANIA IL) Same card + letter stating reception should be better when new 250KW xmtr goes on the air in 2-3 months. If not they will change freq.; in 56d for no rp. V/s: J.M. de Carvalho. (EARHART PA)

CHILE: La Voz de Chile, 6195; sent nice full data PC in 30d for SS rpt. and MS. (KORET NY)

COLOMBIA: R. Colosal, Neiva, 4945; Form letter w/full data + nice blue pennant in 37d air for MS and SS rpt.; V/s: Jorge Enrique Sanchez (PASCHKE)

Radio Nacional de Columbia, Bogota, 4955; colorful PC showing the Congress building in 41d air for rp & used U.S. stamps (SEMKO NY) 9635; Card w/air view of Bogota w/20th Anniversary of Inravisation sticker on it; in 75d air for SS/EE rpt. and 1 IRC. V/s: German Vargas. (TRZASKUS IL)

Radio Santa Fe, Bogota, 4965; Colorful PC w/date & SS statement + pennant & window sticker; in 85d surface for 1 IRC and SS rpt. V/s: Luisa Mahe v. de Bernal. (SMITH TN)

La Voz del Llano, Villavicencio, 6115; SS letter w/date only; + bumpersticker; invited me to visit station!; in 28d air for MS & SS rpt. V/s: Jairo E. Cruentes, Manager. (MOORE PA) (How 'bout that. V/s SS ltr. verie for SS rpt., MS, in 31d.; also rec'd bumpersticker. (KORET NY)

ECUADOR: R. Luz Y Vida; Loja, 4825; Letter w/verie statement & nice pennant; it is red/black lettering on white w/yellow border; in 47d air for MS, SS rpt. V/s: Hermana Amada Campos D. (WHITEHEAD MA)

HCJB, Quito, 9560; Pumping Station card in 111d surface, 2 IRCs (DAY CA) 9560, 11915; 3 cards, world map, two Indian drawings + sked & letter; in 30d air, 2 IRCs (MOORE PA) 11740; Pumping Station card, 133d surface, no rp; (TURNER IL) Oil Pipeline card + pennant in 90d surface, 1 IRC (KELLEY)

GUYANA: R. Demerara, 3265; Studio card w/verie statement; 15d, EE, 2 IRC (KORET) GBS, Georgetown, 3290; F/data Form ltr., 19d air, 2 IRCs; V/s: Mrs. Desiree Mars. (CLEVELAND CA) Same, 12d air, 1 IRC, EE rpt. (WICKETT MD)

PERU: R. Quillabamba, 5025; ltr. w/verie statement only, in SS; + scenic pennant in 40d air, MS, SS rpt. V/s: P. Joaquin Barriaes, O.P. Director. (CLEVELAND CA) Same, full data in 34d; + pennant. (FLEMING NY) Same, w/verie statement & pennant in 49d for SS rpt, MS. (YAMRON PA) Same, date only + pennant in 35d air, MS & SS rpt. (MARSHALL ONT) Same, verie statement + pennant in 21d air for MS & SS rpt. along w/tape. (LOBELL MA)

VENEZUELA: R. Mara, Maracaibo, 3275; SS ltr. w/date & verie statement only; in 22d surface for MS, SS rpt. V/s: Nena Govea de Gainza. (CLEVELAND CA)

R. Juventud, 4900; Card w/date, freq in 36d surface for 1 IRC, SS rpt. (SMITH TN) They belong to same network, Woody. -ds-

R. Yaracuy, San Felipe, 4940; Tri-colored network card, no time, in 90d surface; no rp, SS rpt. V/s: Jaike Romero. (REDMAN IL)

Ecos del Torbes, 4980; Friendly letter w/no data; + pennant in 90d air, no rp, SS rpt. V/s: E. Gonzalez Guerrero. (REDMAN IL)

R. Angostura, 6120; ltr. w/time only + pennant & 2 PC; in 17d air for MS & SS rpt. V/s: Sinar Guerra Madriz. (MOORE PA)

Here is the letter sent to Al Sizer from Thailand. Due to the light copy, I am retyping it for better clarity. This station, although considered a utility, does broadcast music for entertainment. So its both.

Telecommunications Division
Meteorological Department
612 Sukumvit Road
Bangkok 11, Thailand

14 February 1974

Dear Sir,

It is a great honour receiving your letter dated 2 February 1974 concerning the reception report. According to the programme you inserted therewith, it shows you were correctly tuning into our station-the Bangkok Meteorological Radio.

The Bangkok Meteorological Radio has been established since October 1973, however it has been being on tests. Official opening will be taken soon after the tests are satisfied. Main purpose of the establishment of this station is to broadcast to inform weather conditions for ships within areas responsibility of Thai Meteorological Department relating to WMO regulation. Rotatable Log Parabolic, 100 feet height antenna beamed to southeast or south directions is equipped.

We are very pleased to hear that you could receive our signals in a good condition, and we would appreciate if you would kindly keep on listening to this station whenever you have a spare time and let us know, if possible, how it is getting on.

Thank you so much for your kind co-operation, and hope to hear from you again.

With our best regards.

Yours faithfully,

C. Kliwong
(Chote Kliwong)

for Chief, Telecom. Division.

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B.A.D. GUYS DO IT AGAIN!

Frank Testa sends me this report on the most recent Boston Area DX'ers get-together held at his home on Feb. 24. Due to the gas shortage, everyone showed up! (almost): Chris Lobdell, Mike Mackin, Ken Compton, Jim Whitehead, Bob Butterfield, Chris Hansen, Phil Schnabbel, Alan Brooks, Mr. & Mrs. Ray Farrell, Fred Cote, Mr. & Mrs. Mike Morgan, Bill Taylor, Mr. & Mrs. Paul Curran, and of course, Franks scintillating wife Kathleen. Calling in by phone were Steve d'Adolf from N. Dakota, Jon Fay from Mass., and a mysterious caller who identified himself as "11730". It turned out to be none other than Serge Neumann calling from his home in Indiana and saying that he is now back for good.

Of course, the fabulous & world renown Testa Meatballs were also present and were soon consumed. But fella's, after you left, Frank found another $\frac{1}{2}$ gallon container of them in the refrig. Glad to hear that you all had a good time.

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Keep those cards and letters coming in folks! You can see I have alittle space left this month, so please send all your reports and QSL photocopies to me next month and make me squeeze them all in.!

I chucked my \$49 portable typewriter a couple of days and purchased this great Remington electric. It sure makes typing this column alot faster and easier, not to mention that now I can keep my lines straight, Jim Whitehead! hi.

A few words on the QSL Summary listed on the next page. It only shows the reports that were printed during 1973 in SPEEDX and is offered as a general guide. In most cases, there is not enough data to formulate a hypothesis. (ain't those fancy words) Next month, the rest of Africa. Till then, good dx'ing, good health, and good QSL'ing. 73's

Dova

Tips and Topics

The Feature Section of SPEEDX

SPEEDX Editor: Arthur S. Getzel - 70-29 Kissena Blvd - Flushing - NY 11367

PROMOTING SHORTWAVE LISTENING ON CAMPUS

by Serge C.F. Neumann

Many shortwave listeners and DXers are also students--in high school or in college or a university. Despite the priorities of education--the listening goes on, albeit somewhat curtailed.

Institutions such as these are ideally suited for promoting international communication. Students, after all, are striving to enrich and enlarge their own realm of information. Shortwave provides an excellent information input.

There are several distinct areas where shortwave listening could be promoted for educational gain. First, there's the campus newspaper and/or radio station. The newspaper can print brief schedules (mostly times and frequencies) of the world's major international broadcasters. The radio stations can go one step further and with a modest receiver and simple antenna can easily provide off-air recordings of newscasts and commentaries. In many cases this sort of information doesn't just stop with the campus, but carries out into the adjacent community. Unfortunately, few campus radio stations have taken advantage of this untapped source of news, information and opinion. The remedy is not difficult to find.

Individual action plays an integral part in promoting shortwave listening on campus. For example, a well-placed notice in such departments as Political Science, Broadcasting, Foreign Language, Economics and History can inform countless others of the wealth of information that awaits them on shortwave.

But information can only go so far. Individual action must also be expressed in terms of making equipment available for the actual listening. This can be achieved in two distinctly different ways. First, it may be possible to set-up a small, informal club, where it is possible to share equipment. This club could be individually sponsored or underwritten through a department. A second way would be to secure a listening room, much like a language laboratory, where multiple headsets would be available, with five or six position switches which provide programs received from various receivers in the lab. This second is a more ambitious plan, but it would allow access to shortwave to those not financially capable of purchasing their own equipment. This is important considering that most students have an extremely limited budget.

Excellent supplemental information on international communication can be obtained from the campus library, where such sources as The New York Times, Educational Broadcasting Review, European Broadcasting Review, Broadcasting, and Foreign Affairs are available.

These publications along with shortwave listening itself, can be an effective tool in broadening one's knowledge and experience. After all, That's what international communication is all about.

◆ **Editor's Note:** Please let me have comments on the type of articles that have appeared in this column. You may also suggest what type of articles you would like to appear in this column. Also, please keep sending in those articles. After all, membership credit is guaranteed for each article submitted.

BUILDING THE HOME-MADE RECEIVER

by Steve Gelfand

As any serious listener or DX'er knows, some of the best communications receivers are home brewed originals. Carrying this theory to it's logical extreme, I believe I have come up with the best, easiest, and cheapest home made rig yet.

Rule #1: Don't throw anything out--whatever it is! We'll use it for something.

Rule #2: Don't worry if you don't know too much about receivers or electronics. After all, did it stop Henry Ford? How much do you think he knew about radios?

With these essentials in mind we will begin:

The cabinet is important. Keep in mind that it's got to hold all the other things, therefore do not use an old fruit jar. It won't be big enough. A new fruit jar, while having many advantages over an old fruit jar will also be too small. A shoebox is good, but an orange crate is better! Make sure you remove the oranges before you go any further. I have tried building the receiver many ways and I have found that it is definitely better to take the oranges out of the crate first. That way you have plenty of room for the work without worrying about building around the oranges. And don't worry about the crate looking ugly. As long as you're making it yourself you can get away with it being ugly.

Next we must find a suitable tuning device. If you don't have one on your rig you won't be able to get any stations and will have wasted your time. So you'd better have one (two if you want a bandspread). I used the gearmesh from a 1953 Westinghouse washing machine. Mount two of the larger gears to the front of the crate. Take your time and work carefully --remember, neatness counts! A word of caution--do not glue the gears to the crate. The gears must move in order for you to tune anything.

The construction of the R.F. coils is vital. These can be made from paper clips and ball point pen springs. How many R.F. stages you put in depends upon how much sensitivity you want and how many pen springs you have. But let's face it, for any receiver to be worth the orange crate it's housed in, you've got to have at least three R.F. stages.

You can do without an amplifier if you have really great hearing, but don't expect to pull in those rare stations. So let's put in an amplifier. If you have an old telephone around the house it is ideal. Remove the mouthpiece and everything attached to it and connect it to the R.F. stages. Also save the earpiece because it can be used as a speaker or headphone. The bell and the phone dial will look nifty mounted on the front panel also.

Speaking of the front panel, you will want as much on there as possible. The more dials, knobs and switches you have the better it is. Even if they don't do anything, they're great to play with and look impressive.

The tubes come next. It doesn't matter which ones you use, they're all the same. You should have at least two for audio output, one or two for conversion and some more for the I.F. stages. Mount all of these tubes on a piece of cardboard and connect the terminal pins.

Now we come to the rear panel. The rear panel is usually situated opposite the front panel but there is no law against having it on the top of the crate, so if you want to have it there, it'll look silly, but do it. The rear panel is where we attach the power cord, antenna, and speaker. For the antenna use a clothes hanger. If it's good enough for a car radio it's good enough here. For the power cord use a real power cord. No sense skimping on power when you've come this far. You're going to want all 117 volts racing through this baby! The speaker can be either the previously mentioned telephone earpiece or a tin can and some string. If you want two cans (one for each ear) make sure you connect the string to both cans or you will be defeating your purpose.

Before coming to the final step we must do one more thing. Get your Heath-kit catalog out and turn to their shortwave receivers. Now laugh out loud. Look at how much money you've saved! Quality at a fraction of the cost!

Now we are ready to tune in the world. Throw the antenna coat hanger out the window and plug the set in. Of course any kit builder who has really been paying attention would have had enough sense to attach the hanger to the receiver before throwing it out the window. If you've been daydreaming, run outside and get the antenna. We'll wait.

At last we're ready! Plug the set in. If you put in an on/off switch, put it on "on." By now one of two things should have happened: 1) You have blown out every light in the neighborhood or 2) You have been whisked to far away lands. If you have been whisked to far away lands, it can mean one of two things: 1) You have been electrocuted or 2) You are listening to the world. If 1): Rest in peace. If 2): Good DXing. If none of the above has happened and you are sitting in your room feeling like a fool and staring at a pile of junk in an orange crate, then you obviously have no electronic aptitude at all. You might as well throw the whole thing out. So what if you never hear Radio Brunei, at least you've got some nice oranges.

HOW COME DEY TALKS BEDDER DEN ME?

by Steve Gelfand

Dxing is intrigue, excitement and mystery--like a foreign spy in a movie listening for barely audible instructions from his leaders--right? Well, sometimes. What should make shortwave exciting is the authenticity of hearing broadcasts from around the world. But it just seems that some of the mystery is gone when I hear those foreign broadcasters speaking better English than I do!

Of course there's nothing wrong with someone speaking better English than me, but when did you last hear a Russian accent from a Radio Moscow announcer? Can't think back that far, can you? The male announcer on Moscow once mentioned that he was educated (or at least learned English) at the American school in Moscow. (Sounds like the war movies where the Japanese Colonel had learned English at Yale). His female counterpart may very well sound exactly like your next door neighbor (heaven forbid--but it's possible).

Moscow is not the only offender, but it's one of the worst. The next time you tune in RNE, Portugal, Deutsche Welle or Havana see if you can hear any native accent in their English. It's just not there!

Thankfully there are those stations that still sound authentic. Take the BBC--please! Seriously, when I listen to the BBC I know it's the BBC and not the CBC. And what can give a DX'er more satisfaction than sitting through a half-hour speech in an unidentifiable, yet hypnotic, accent and then finally learning that he's been listening to Radio Afghanistan? It's the strange sounding English that has led me to many one-time (so far) DX catches like Baghdad, Ankara, and Trans Europe. If their English had been as perfect as Radio Moscow's I might have passed right by the signals, thinking perhaps that it was some distant VOA relay.

And I'll never forget that Sunday afternoon about a year ago when I heard a Radio Kuwait pop music program and the announcer (in his best English-Kuwaiti accent) dedicating an American pop song to "Abdul and Mohammed and all the guys down at the candy store..."

Unfortunately, on the SW bands, the sun never sets on the English accent!

Next month Tips & Topics will have an article by Glenn Hauser on Mexico's secret shortwave stations. An article by Brandon Levett on the Venezuelan political campaign that he monitored on shortwave. And lastly, an article by yours truly called "Even Water Can Kill."

BRAZIL SHORTWAVE CHALLENGES GIANTS

Ed. note: An AP release by David Vidal appearing in our local press recently

BRASILIA, Brazil--From Hanoi to Hamburg, a new airwave is competing for listeners with Radio Havana, Radio Peking, Radio Moscow, the Voice of America and the BBC of London.

That seems unlikely company for the ten-kilowatt strong Radio Nacional de Brasilia.

But "We've gotten letters from the most unimaginable places" according to Jose Mauricio de Carvalho, head of the government station's international division.

Brazil's new international shortwave voice has just completed its first anniversary. It is pounding out samba and news in six different languages and the results have surprised even its organizers.

English, French, German, Italian, Spanish, and Portuguese may soon be joined by Japanese as a result.

A survey by an "American shortwave listeners" association, recently released here, even said the fledgling station had bypassed Radio Moscow and Radio Peking in world listener popularity.

"We don't have official programming and the idea is to show the world the new and real image of Brazil in a way so as not to confuse information with propaganda," Carvalho says.

Because of its reduced transmitting capacity--the BBC by comparison has over 500 kilowatts of power--the world has meant Europe for Radio Nacional.

"We discovered that the Germans go to bed early, so that was the first language starting our program. With the equipment we have now we get more results in Europe. But we do have letters from the United States and Canada, showing that it gets there too. We've even gotten letters from Japan--in Portuguese."

Vietnam, the Falkland Islands, Iceland, Central Africa, and New Zealand have been some of the unlikely places which have also responded.

This promises to expand next year when new transmitters are installed.

Radio Nacional has just signed a \$15-million contract to import 12 transmitters from a Swiss firm. This includes a 500-kilowatt giant which will make Brazil more competitive in the international "war" for short-wave listening audiences.

A typical program has popular Brazilian music, news, and a "people and places" look at Brazil. "We have no religious, philosophical or political propaganda," the directors say.

"We cannot offer listeners gold pens or trips to Brazil in promotional drawings as some stations do. Our promotional system is to reply to each and every one of the 500 letters which reach us every month."
(Contributed by E.J. "Jim" Whitehead)

You can also contribute newspaper articles, such as the one printed above. Besides newspaper articles, you can also contribute magazine articles with, of course, the permission of the publisher. Also, when you do contribute manuscripts please double space, indent, and use 8½" X 11" typing paper. With these manuscripts you can also send in illustrations pertinent to the article.

There is no deadline for sending in an article. Just type out the manuscript and send it right off.

*Best Wishes & 70's,
Arthur*

FROM THE PAPERS

VOA TO CENSOR "PORNOGRAPHIC" MUSIC LYRICS:

According to the March 7, 1983 New York Times, Frank Scott, director of programming at VOA has issued a memorandum which bans all music lyrics "which may be offensive to our listeners." Many employees are against Mr. Scott's policy because the policy will prevent the VOA from broadcasting many popular rock tunes which are listened to by the vast majority of its worldwide audience. In a policy discussion with VOA's broadcasting staff, Mr. Scott outlined that he wants to rate all songs as either X, R, PG, or G depending on its sexual as well as its political content. With this system, not only rock music will be censored out of VOA broadcasts but also many classics and old time hits.

XERF TO EXPAND TO 500 KW: According to the February 6, 1983 Detroit Free Press, XERF an American operated commercial radio station in Mexico which has been silent on AM since 1971 has come back on the air. Beyond the reach of the FCC, and its rules limiting transmitter power on AM to 50 kw, the station operated by Mike Venditti is broadcasting on 1570 kHz with 250 kw of power. Mike hopes to expand to 500 kw before the end of the year. It will be 10 times stronger than any commercial radio station in the US and Canada. Though officially owned by a Mexican corporation, the brains of the operation is the Inter-American Radio Corp., with headquarters in Del Rio Texas, run by Arturo Gonzalez. Inter-American really owns all broadcast time on XERF and sells this time to advertisers and others on the American side of the border. This is the reason why the station has a wide American broadcast content. The station is a mixture of rock, country and Western, recorded evangelism, and ABC network news. They are luring an audience of between 25 and 55 years old with its easy listening music, soft rock oldies, and big band music. Hopefully, they plan to phase out the late night preachers in the near future and replace them with adult and contemporary Christian music. (William Beeman, MI)

MORE RELIGION ON VOA: According to the Moral Majority Report of March, 1983, the VOA will be expanding its religious broadcasts to countries that practice religious discrimination. The plan calls for an increase in religious programs to the Soviet Union from 45 minutes a week to 6 hours a week. (Don McCants, AR)

FOUR POLES GUILTY IN BROADCASTS: According to the February 17, 1983 Birmingham News and February 18, 1983 Santa Barbara News Press, a military court in Poland convicted nine Poles who operated Radio Solidarity. The main defendant and his wife got prison sentences of four years and three years

respectively. Three got suspended sentences but the court only released one pending an appeal. (Don McCants, AR and L.P. Benjamin, CA)

AIR PIRACY: Jolly Roger Radio is back on the air—defying the FCC, according to the March 6, 1983 Indianapolis Star. The operators of the station are defying the law for reasons of principle. They say public radio is accessible only to the rich. The FCC originally shut down the station in November, 1980 and since that time they have unsuccessfully tried to set up a legal station. Therefore, again, they are on the air in the FM band on 93.9 MHz in Bloomington, Indiana. The station plays all types of rock and folk tunes. Schedule is irregular. (Greg Watts, IN)

TIDBITS

HAM BAND COMPUTER BULLETIN BOARD:

On the 40 meter band there is now an over the air computer bulletin board. Its official name is MSO. To monitor it you must interface your receiver with your computer. The frequency to monitor is 7098 kHz. The baud rate is 60 baud. Callsign is K4CZ. Many hams have organized computer nets. A net is a group of hams meeting on the air regularly with a common purpose. Pick your computer net. Here are a few:

TRS-80 WEST COAST

0100 on 14060 kHz Callsign VE6AMW
1900 on 14342 kHz Callsign WA6YKH

EAST COAST TRS-80

2200 on 14342 kHz Callsign NLACA

CENTRAL USA TRS-80

2100 on 7293 kHz Callsign W9LFD

ATARI OWNERS

Sunday 1500 on 14325 kHz Callsign WD8NDG

And finally Apple owners listen on Saturdays on 7260 kHz at 1400 for WLUKZ. All times are GMT. (Rick Blaisdell, VT)

THE TELEPON: The Radio Shack "Telepon" automatic telephone directory is great for listing time schedules of broadcast stations. It holds two batteries; you press buttons for each time period. Times are put over the original letters, by each of 15 buttons. It costs about \$25.00. Check the new catalog or go down to Radio Shack (Ronald Pokatiloff, IL)

COMMENT ON DON MCCANTS EQUIPMENT ARTICLE:

Expanding on Don McCant's Feb. article: the Sears Radio Cassette Recorder #934.21680800 is excellent for the receiver earphone jack or with a Radio Shack resistor patch cord, from the speaker jack. Recorder speaker has a switch to monitor while recording. Also, plenty of power for aux. speaker or earphones. The AVC seems to smooth out flutter and enhance weak signals. Can

CLUBS, CONFERENCES

ANARC Awards and Frequency Recommendation Committee	2 JAN; 4 APR; 5 MAY; 42 SEP
ANARC Country List Committee	8 JUL
ANARC QSL Committee Report	43 OCT
ASWLC HAP Representative Appointed	7 DEC
Canadian International DX Club 10th Anniversary	5 MAY
European DX Council	3 FEB
MWDIC	2 NOV
NASWA News, Address	5 MAY; 3 SEP
1972 ANARC Convention	2 JAN; 2 APR; 4 MAY; 5 JUN;
	8 JUL; 19 JUL
1972 International Radio Club Of America Convention	5 MAY; 2 JUN
Pacific Area Broadcasting Conference	2 MAR
Radio Communications DX Club	3 SEP
Two Clubs Merge	4 APR; 42 SEP
Worldwide TV FM DX Association	3 FEB; 5 MAY

CONSTRUCTION PROJECTS/ANTENNAS

Inverted "L" and Windom Antennas	6 AUG
Short-Short Antenna (Mini-Antenna)	7 FEB; 6 MAR; 8 MAY; 8 JUN

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BBC World Radio Club	18 SEP; 3 NOV
European DX Contest	2 SEP
Radio Moscow 50th Anniversary Quiz	19 AUG
SPEEDX Insignia	7 FEB
SPEEDX Sweepstakes	6 JAN; 7 FEB; 6 MAR; 6 APR;
	8 JUN
U.S. Coast Guard DX Handbook Contest	7 AUG; 5 SEP
"Utility Chaser's Corner" Drawings	34 MAY

EQUIPMENT/EQUIPMENT MAINTAINANCE/USER'S REPORTS

Are You Grounded?	18 JUL
Model A-20 Presselector	47 FEB; 7 APR
Receiver Care Or Let Us Spray	6 JUN
SPEEDX Product Review: A-20 Presselector	3 APR; 3 MAY
SW Equipment And Supplies	8 AUG
The New DX Season And How To Prepare For It	41 SEP

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A Humane Project For All DXers	42 OCT
And The Jamming Goes On	4 AUG
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Clubs For The DX'er	7 JUN; 9 JUL
Collins Radio Company	2 JUL
Communications In Mexico	39 DEC
Decorate Your Shack With PENNANTS	43 NOV
DX'er's Subject To Fraud Attempts	3 FEB
Electronics Illustrated Folds Up Tent	3 JUL
FCC On New SWBC Rules	3 JUL
Happy Holidays In Eleven Languages	22 DEC
Holland's Radio, TV License Fee	18 NOV
How To Test A Listener's Ability	3 JAN
Jamming And Monitor Reports (SINPO)	46 NOV
Lobby For The Hobby	5 AUG
Looking Ahead	4 FEB
Megawatt Alleys Are Narrow	2 NOV
New DX Program Planned	2 OCT
1973 World DX Friendship Year	17 JUN; 4 AUG
Radio Free Europe Gets Interim Fund	4 SEP
Regional Listeners Groups	4 SEP
Reminiscences	5 JUL
Solar Flares And Geomagnetic Storms	4 SEP
Summer DXing	9 JUN
SWBCing In The Tropical Region	40 OCT

Radio Minería Dealt Severe Blow In Government Reprisal	11 JUN
Radio Nacional de Venezuela In New International Service ..	9 JAN
Radio Progreso Of Honduras	41 AUG; 46 OCT
Radio Quito - HCQR-1	40 AUG
Sistemas De Correo En Colombia	9 OCT
Verifying Central America	6 NOV
Verifying The Caribbean	8 DEC
Visit To VOA	19 AUG
VOA Beams Message At N. Vietnam	4 SEP
"Voice From The Fireball"	16 MAY
WNTW At Scituate	43 FEB

HOBBY TIPS/RECORD KEEPING

DX Random Notes and Tips	5 APR
Logbooks	46 MAY
Tips, Tapes And QSL's	45 MAY
Tuning Tips	25 NOV

POSTAL NEWS/REPORT FORMS

Arabic Report Forms	5 MAY
DX Stamp Service Changes Hands	40 JAN; 3 FEB
Tri-lingual Reception Report Forms	38 NOV
U.S. Commemorative Stamps for QSL's	5 JUN

REFERENCES/LISTS/AIDS

BIP-1 - "The Why's And Wherefore Of Verification	6 DEC
Benelux Spanish Medium Wave Station List	3 FEB
Broadcasting Stations Of Exile, Intelligence, Liberation and Revolutionary Organization	3 JAN; 26 JAN
Broadcasting Stations Of The World	3 APR
Clandestine Station List	3 FEB
Confidential Frequency List	30 AUG
DXer's Reference Library	45 MAY
FM Atlas And Station Directory	3 SEP
From Semaphore To Satellite (ITU)	28 DEC
Interval Signal Recording	4 JUL
ITU And EBU Frequency Lists And Callbooks	47 FEB; 35 JUN
ITU List Of Ship Stations	30 AUG
Latin America Commercials: Guide To Latin Reporting	4 JUL; 8 SEP
NASWA Verification Signer's List	3 SEP
1972 WRTH Handbook	47 FEB
North American Broadcasts	3 JAN
1605 - 4000 kHz Band Survey List	8 MAY
Shortwave Propagation Course	2 FEB
Sixty Meter Band Survey List	3 JAN; 3 SEP
SPEEDX Embassy List	4 NOV
U.S. Coast Guard DX Handbook	7 AUG; 5 SEP; 6 OCT; 4 NOV; 6 DEC
Utility DXer's Handbook	2 JAN; 31 JAN; 7 FEB; 43 MAR; 47 APR; 35 JUN; 47 JUL; 8 AUG; 7 DEC
Volume I, International SW Radio Handbook Edited By Deutsche Welle ..	23 JUL
Weekly Radio-Telecommunications Forecasts	3 APR
Worldwide DX Club QSL List	42 SEP

SPEEDX: NEWS AND MANAGEMENT

Constitution Ratification Ballot	3 JUN; 4 JUN; 2 AUG
Financial Report - 1971	46 FEB
From The Observation Deck	11 JUL
Guidelines For Feature Articles	46 MAY
Membership Certificates	2 SEP
Membership Committee	3 JUN
Membership Requirements Outlined	46 FEB
Membership Zooms Over 200	2 FEB
Merry Christmas - SPEEDX Style	6 OCT; 5 NOV; 5 DEC
Name Shortening Proposal	3 JUN
New Feature Article Columns	4 JUL; 5 AUG; 43 OCT
Organization Chart	3 JUN
Representatives To ANARC	2 SEP

The Demise Of WRTH Summer Supplements	2 MAY
The Elsinore Odyssey - A Time To Remember	41 DEC
The Jammers	5 OCT
The Longest Day In Your Life	19 AUG
The Matter Of A Country List	2 DEC
The New DX Season And How To Prepare For It	41 SEP
To The Whole Wide World Of Radio '73	3 DEC
VOA Spotlight: Relay Stations	23 DEC
What Has Happened To Our Hobby?	43 SEP; 41 OCT; 41 NOV; 38 DEC
What Other's Think	3 JAN; 5 MAR; 3 APR; 3 MAY
Where Is Shortwave Radio Headed?	6 FEB; 3 MAR
Why QSL's Are Valuable	6 MAY

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African DX On The "Low End"	7 JAN
Preparing For The New DX Season - Africa	19 SEP
Spanish Sahara	22 DEC
Swazi Radio	5 MAY
Tropical Band DXing - Africa	21 OCT
Zanzibar President	22 MAY

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Dacca Radio: Under New Management	4 FEB
Pakistan: Which Way?	43 SEP
Peyk-E-Iran	26 JAN
Radio Red Flag	26 JAN
Reception Reports To Malaysian Stations	5 FEB
South Vietnam Liberation Radio	26 JAN
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Deutsche Welle Listener Mail	21 OCT
French Adopt Reform Bill on Radio-TV	19 AUG
MEZ (Middle European Zone) Time	19 AUG
ORTF New Boss	4 AUG
Radio Nederland	3 OCT
Radio Nederland DX Jukebox To Tell HAP Story	6 SEP
Radio Nederland: Happy Birthday	5 MAR; 2 APR
Vastenhoud: To Leave RN DX Juke Box Post	5 FEB
Wertachtal: Deutsche Welle Builds	4 FEB

OCEANIA

Adventures In Paradise	5 JAN
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Canal Manabita To Boost Power	10 MAY
Cerveza Venezolana	11 JUN
CFCX Sale Approved	2 AUG
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Ecuador Numerical Radio Regions	44 SEP
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Fiestas of Ecuador	13 JUL
HQJB To Assist With HAP	6 SEP
Holidays Of Brazil	9 APR
LV de la Victor Now R. Omega	8 SEP
News Censorship In Latin America	42 NOV
Peru Clamps Down On Foreign Owned Broadcasters	10 FEB
Peruvian Christmas Symbols	8 DEC
Radiodifusora La Voz del Rio Carrizal	4 OCT
RFE And Radio Liberty: In The \$ Red	5 MAR
Radio America Of Honduras	10 AUG
Radio Canada Asks Help In Eclipse Study	18 JUL
Radio Corporacion Of Chile	9 MAR
Radio In Chile - The Problem Of Subsisting	45 JUN
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SPEEDX Interested In ANARC Membership	3 FEB; 3 JUN; 8 JUL; 2 AUG; 42 SEP
SPEEDX On The Air	7 MAR; 7 APR
SPEEDX Supports 1973 As World DX Friendship Year	8 OCT
Staff Strengthened	2 MAR
Treasurer's Report 6-1-71/6-30-72	3 AUG
You Decide - How To Help SPEEDX	5 JUN

SPEEDX PROJECTS

Handicapped Aid Program (HAP)	7 MAR; 7 APR; 7 MAY; 8 JUN; 10 JUL; 8 AUG; 6 SEP; 7 OCT; 5 NOV; 7 DEC
Novice Assistance Plan	5 SEP; 6 OCT; 4 NOV; 6 DEC
Tape Recordings For Schools For Handicapped Children	7 FEB
U.S. Coast Guard Project	7 MAY; 8 JUN; 10 JUL; 7 AUG

SURVEYS

Radio Nederland Reception Survey	6 JAN; 7 FEB; 7 MAR; 7 APR
TWR Reception Survey	6 MAR; 7 APR; 7 AUG

UTILITY FEATURES/NEWS

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Confidential Frequency List Book Review	30 NOV
FCC Orders Probe Of Public Coast Radiotelegraph	45 SEP
Golden Rules For Utility Dier's	36 APR
Intelligence Information Transmission And Reception	33 FEB
Opportunity For CW DXers	6 OCT
RCA In Hawaii - Kahuku Radio	43 NOV
Tropical Radio Telegraph Company	38 DEC
VHF Weather Stations	35 JUN
U.S. Coast Guard - Chicago	40 DEC
Utility News	30 NOV
Utility Propagation	8 FEB
Washington-Peking Hot Line	45 SEP

Compiled for SPEEDX by Elinor Leistner, CA.

THE 1974 ANARC CONVENTION

New York selected as site for the convention. To be held at Concordia - College, Bronxville, NY. Dates: July 5, 6, and 7. Registration fee, \$35.00 which includes 5 meals and the banquet. Double rooms to run about \$ 10.00 per day. Planned agenda: Friday night, a receiver display by Perry Ferrell of Gilfers Associates. Saturday there will be a trip to the point to point transmitter of ITT, in White Plains. Write to ANARC Convention Committee P.O. Box 501 Bronxville, NY 10708 (Chris Hansen, Chairman; Phil Schnabel, Co-Chairman) for particulars. Chris, announces full program and guest --- speaker to be announced later. I hear on good authority that Serge Neumann who has returned to the USA will be the guest speaker. Serge has been with Radio Nederland's DX Juke Box program the past year.

FOR SALE

ZENITH H-1000, all transistor Short Wave Portable; 8 bands, with good -- bands spread on the 31, 25, 19, & 13 meter bands. Works OK. First \$ 45.00 takes it. You pay shipping costs. Contact: Dave Thorne 1506 Dresser St. Santa Ana, Calif. 92701 U.S.A.

Belgium DX programs are broadcast to North America on 6055 kHz in English on the 4th Monday of each month, 2255 GMT. A repeat broadcast on the 4th Tuesday at 0040 GMT.

Starting in April Radio Canada International will be issuing a new multi-colour QSL card to verify correct reception reports.

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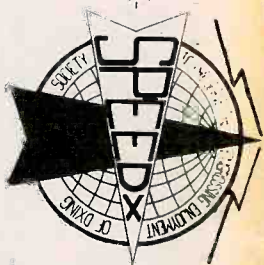
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