

FRENDX

radio Venceremos

voz oficial del Frente Farabundo Martí para la Liberación Nacional, El Salvador c.a.

CLANDESTINE BROADCASTING

Radio
Broadcasting
to
Cuba

LA VOZ DE LA JUNTA
PATRIOTICA CUBANA

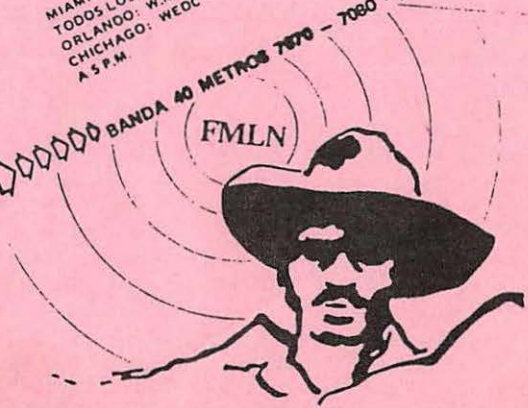
MIAMI: WOCN UNION RADIO - 1450 KCS. 11 P.M.
TODOS LOS DOMINGOS.
ORLANDO: W.M.J.K. PROGRAMA DOMINICAL
CHICAGO: WEOC - 1240 KCS. DOMINGOS: 8:30 P.M.
A 5 P.M.



Hacia Cuba



The Council for
the Liberation
of Suriname



Radio
FARABUNDO MARTÍ

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Drake SPR-4 with AL-4 loop antenna. Magnovox Phillips AL-999 SW/LW/MW/FM Pro with built-in digital clock and gyro loop antenna. Palomar loop antenna with MW and LW coils. ICOM R-70. All mint condition. Best offer. Joe Coleman, 157 Walton Place, Lansdown, PA 19050. Phone (215) 626-3376.

FOR SALE: McKay Dymek DS-111 speaker with six position controls (loudness bass and high boost; flat, SSB, CW, hi-pass bass removed, and lo-pass high removed). Like new. \$40.00. ALSO: Drake R-7A with 4.2.3 500 Hz filters and a NB-7A noise blanker. Like new. \$800.00. Galaxy R-530 general coverage receiver in mint condition with 6 kHz filter and some spare parts, \$210.00. Stanley F. Cabral, 2254 62 Avenue, Oakland, CA 94605. Phone (415) 562-2486.

FOR SALE: Galaxy R530, SC-530 speaker with manuals, \$195.00 shipped UPS. FRENCH - complete 1983, \$5.00. WRTH 78 to 83, \$5.00 each shipping included. Cashier's check or money order, please. Al Drehmann, 11714 SW 129 Court, Miami, FL 33186. Phone (305) 385-3879.

FOR SALE: Realistic DX-200 in excellent condition with original manual and carton. Will ship UPS. Price \$125.00 firm. Richard Blaisdell, 6 Diamond Street, St. Albans, VT 05478. Phone (802) 524-2012 from 2300 to 0400 GMT.

FOR SALE: Realistic DX-160 with matching speaker. Includes complete instructions and schematic. In very fine condition. Also included is 12v DC cable for portable use. Price \$70.00. I will pay UPS to 48 states. Mike Westphal, 13333 Broadway, Apt. 2, Alden, NY 14004. Phone (716) 937-7345 after 2100 GMT.

FOR SALE: Yaesu MU-7700 twelve channel memory unit for the FRG-7700. Excellent condition. Price \$100.00 or make offer. Jeff Elvis, 5856 Chapman, Garden Grove, CA 92645.

WANTED: Military non-FM radio equipment up through the early 1950's. ARR-15, RAX, TBX, etc., and manuals and accessories. FOR SALE: Books dealing with WW II propaganda broadcasting, four for \$28.00 ppd. Radio Shack digital DX-302 receiver, \$130.00. Military R-1655 compact VLF communications receiver by Rycom. Solid state, covers 1-150 kHz. Six pounds. Best cash offer or best SW receiver in trade. SASE for details. Hugh Miller, 11206-1 NE, Seattle, WA 98125. Phone (206) 365-3684 mornings, (206) 451-5334 late evenings.

FOR SALE: Panasonic RF-4900 with dust cover, \$245.00. Info-Tech 200F RTTY converter, \$350.00. Mizuho SX-59 tunable preselector, \$30.00. Mark Stumpf, 369 Waldo Avenue #3, Pasadena, CA 91101. Phone (818) 577-2263.

FOR SALE: I have an extra copy of the 1984 World Radio TV Handbook. New condition. Price \$12.00 postpaid. Money order or cashier's check. Ed Dye, P.O. Box 581, Russellville, AR 72801.

FOR SALE: Realistic DX-160 in good condition, \$50.00. I will pay shipping and insurance. John Freeman, 6850 Faircove Drive, Palos Verdes, CA 90274. Phone (213) 541-6971 evenings.

WANTED: Outboard digital readout for a National HRO-60 and some advice. Austin Kelly, 6524 South Sacramento, Chicago, IL 60629. Phone (312) 776-5144.

FOR SALE: Kantronics Mini-reader and accessories. One year old. \$140.00 ppd or best offer. Ameco PCL preamp (1.8-54 MHz) with homebrew power supply for house current, \$25.00 or best offer. Fritz Mellberg, 1505 Central Avenue, Hawarden, IA 51023. Phone (712) 552-2458 from 2300 to 0300 GMT.

NOTICE: Richard W. Blaisdell, 6 Diamond Street, St. Albans, VT 05478 would like to meet with other Vermont area DXers/SWL's for the purpose of forming a SCAD's type group. If interest, please contact Richard at the above address.

Shortwave Center

May 1984

Editor: John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423

The construction has slowed down here--at least for now--and since I feel like I've been neglecting you the past few months, I've begged a few extra pages from Bill to take advantage of the nice material at hand. Fair enough?

Actually, another bright spot this month is the welcome return of two NASWA veterans to the SWC fold: Dan Robinson, now involved with the VOA East African Bureau in Kenya, gives us his reaction to the SONY-2002 receiver. As you'll recall, Dan was one of the very first to fill us in on the 2001 in the August 1980 SWC.

Ralph Perry and Peru seem to go together. (Come to think of it, Ralph Perry and DXing seem to go together.) So, it's only natural that Ralphus took a special interest in the novel, "Aunt Julia and the Scriptwriter" by Peruvian author Mario Vargas Llosa. RWP offers his review for us.

Teased you enough? Then read on...



THE SONY-2002: Reviewed from East Africa



by Dan Robinson,
VOA East African Bureau, Nairobi, KENYA

When the SONY ICF-2001 was introduced several years ago, the SWL community worldwide was in awe of the new receiver, a unit that revolutionized the industry and changed the way we listened to shortwave. At VOA I was one of the first persons to test the 2001 for use by employees. On one particular day I had ten receivers lined up in one room, performing every kind of listening comparison I could think of. The 2001 was, and still is, an impressive radio. But we all soon realized it had its faults. While SONY deserved much credit for bringing pushbutton tuning to the masses, the company also deserved the criticism and consumer complaints it received due to quality control problems with the receiver.

Indeed, some of the first 2001's had serious problems, both in terms of outward cosmetic appearance and functions, and internal electronic functions. No doubt, many of you will recall: Digit buttons that failed, SCAN controls that did not work, main UP/DOWN tuning buttons that stuck, bass or treble controls that were never connected, memory buttons that didn't hold stations, loose telescopic antennas. Most serious for the 2001 was the battery consumption which forced many of us to beg for money in order to buy more Duracells. Oh, and I almost forgot the problem which SONY was eventually forced to correct--that of the oversensitive transistors which blew the radio out (in many cases I knew of including my own) if there was too much static charge in the air.

The basic design of the 2001 remained the same. SONY did correct most of these faults, but not until people like myself had to explain to less-than-knowledgeable local dealers that replacement, and nothing less, would satisfy our hurt feelings and our wallets.

So, the 2001 has finally given way to the compact, cute and reasonably priced 2002/7600D. There have been several user reviews of the 2002 in FRENDX, and Larry Magne has done an excellent job of pointing out its merits and demerits. Here is one more view from a user in East Africa, and someone who frequently travels with the receiver in Africa.

First of all, the 2002 is definitely a nice little radio. As I sit here writing this article I have my 2002 and 2001 tuned to Ethiopia on 9560 kHz, the time (1326 Z) reading out nicely on the smaller radio. Both receivers have antennas fully extended, full sensitivity, roughly the same tone position (high treble on the 2001, music position on the 2002). OK, point number one: the 2001 is clearly the more sensitive receiver. Even when the 2002 has Duracells in it, inside the house or out, the 2001 consistently outperforms the smaller brother. I can only agree with a previous reviewer in FRENDX who noted the reduced length of the 2002 aerial, and add to this that I believe SONY has sacrificed considerably on sensitivity.

This is true on the low as well as high bands, and I can only wish that SONY would have retained the valuable feature of the 2001--the antenna tuner wheel. Something also tells me a three position sensitivity switch as on the older radio would have served the 2002 well.

Point two: after using seven or eight 2002's here in Nairobi (yes, technology comes to East Africa fairly rapidly but at a price of about \$400 for a 2002) I have noticed clear unit to unit differences in selectivity and smoothness of fine tuning. The "pull" on SSB noted by a user in FRENDX is noted in every receiver with stronger stations the worse effected. There is also unevenness in the fine tuning control. Differences in voltage provided by batteries or mains also tend to add to the instability of the fine tuning wheel. May I suggest that SONY should do some redesigning to make this FT wheel more responsive, and less prone to drift or pull? Currently, the tuning of SSB signals, be they SWBC or HAM stations is difficult.

Point three: Again, I believe this is a matter of quality control for I encountered similar problems with 2001's. On several 2002's I have used, selectivity in NORMAL position varies to a great degree. Tuning BBC on 17885 kHz or 15420 kHz for example on my radio, the station sounds almost like normal on frequency when it is still 5 kHz away on 17880 kHz or 15415 kHz. A petty consideration some would say? Not really. While this problem may not be serious for those of us who know the frequencies by heart, beginners could be deceived into thinking VOA is on 9755 kHz instead of 9760 kHz, or RCI on 15320 kHz instead of 15325 kHz. I realize of course that stations operating off-frequency, such as Zanzibar 3339 kHz, will show up on the lower frequency. The same is true for Kenya on 4804 kHz or Sri Lanka on 4902 kHz. Fine, I can deal with that and don't mind the limited 5 kHz readout that much. What I have found, and this is a clear indication of quality control issues, is that from radio to radio differences emerge in the selectivity curve. On other units, I hear a nice, tight signal, no slop-over on to an adjacent frequency, and this in NORMAL position. The radio performs even better in FT. For picky consumers like myself, something like this is enough to make me sell my current 2002 until I get one that works exactly as designed.

By the way, the 2001 experienced similar problems: Over the course of four years, I returned three 2001's because the stations were heard on frequencies lower than they should have been (i.e., SRI on 21517 kHz or RFI on 21578 kHz).

There are also comparisons to be made with the ICF-7600A, and I can tell you that the majority of journalists here still prefer the older radio despite the advantages of the 2002. Most don't know frequencies and therefore have to use conventional tuning. However, the real reason for most is the better sensitivity of the 7600A and clearer, crisper audio which unfortunately is another drawback of the 2002--the constant high treble hiss. Of course, in almost every other area the 2002 is preferable to the 7600A. Here in Africa, travelling with the news, the 2002

is invaluable because of its full coverage which allows newsmen to tune in regional stations in hot-spots across the continent. If you're in Nigeria and have to listen to Kaduna on 4770 kHz, you can't do it with a 7600A!

So, where does that leave my assessment on the ICF-2002 you might ask? Somewhere in the middle, leaning toward the negative. The improvements are obvious and SONY should be applauded in achieving further miniaturization with a number of really fine new features: the dual time clock with turn on and off (although the set 65 minutes is puzzling), the 10 memory presets with automatic switch between FM and AM, the 9/10 kHz choice, clear labelling of meter bands and frequency slewing, and fine tuning (albeit flawed). But I can't help wondering why, as with the 2001, our Japanese friends didn't go a bit farther before flooding the market with their latest invention.

Sensitivity, while adequate for many people, is not what it could or should be. The FINE TUNER needs work and I predict SONY will realize this and set to the job. While battery consumption has been improved, I agree with a FRENEX reviewer (Ed Insinger) that the SONY-sans have once again sacrificed with the addition of the plastic battery pack. It seems like they took one step forward just to take one step back. My final gripe would be with the frequency readout. I understand SONY logic. With the 2001 they felt a variable selectivity switch was not needed for the mass market, members of which are not DXers. On the 2002, a small, compact radio for the traveller (albeit the exacting traveller) one kHz readout was unnecessary. But I think it is well within the capabilities of SONY to produce a new, improved version of the 2002 with the finer readout varied by the FT control (hopefully when it has been stabilized).

SONY so frequently comes close to producing the ultimate radio, a dream for the serious DXer or the travelling SWL. They seem to get closer and closer with each new model, never quite adding the features that could satisfy the connoisseur. Meantime, they often release receivers with potentially serious flaws (such as the buttons on the 2001 or the fine tuning control on the 2002) causing problems for consumers. The company deserves kudos for its radio achievements so far. But I think SONY should be urged on to improve the 2002 by the SWL community. My problem is that I am a connoisseur, and I want to believe in the old saying: "SONY, NO BALONEY!"

HRPC, Radio Luz y Vida (Light and Life) is located in San Luis, Santa Barbara, Honduras. It is a missionary station operated by the Evangelistic Faith Mission, with headquarters in Bedford, Indiana, U.S.A.

RADIO LUZ Y VIDA

Radio Luz y Vida broadcasts on 3250 kHz with a power of 250 watts. It uses a Gates 20B transmitter and a single dipole antenna pointed north and south. Its schedule is from 2200 to 0400 UTC daily.

Donald Moore, the station's director, operates a ham radio in the Halo Missionary Network, which may be heard daily on 21390 kHz at 1800 UTC. Persons wishing to do so may contact him this way.

Radio Luz y Vida may also be heard on 1600 kHz. Mailing address is:

Radio Luz y Vida,
Apartado 303,
San Pedro Sula,
HONDURAS

The Evangelistic Faith Mission also owns Radio Estrella de Ora, La Voz de Santidad in Honduras. The frequencies are 1280 kHz and 97.3 FM.

(courtesy of Marlin Field)



Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

Modifications For the NRD-515

Sherwood Engineering Inc.

is now offering the following modifications for the NRD-515:

The versatility of the 515 is limited by its' modest selection of phone bandwidth filters. Sherwood has available a custom accessory-filter PC board to solve this problem. Fifteen-pole filters can be chosen with bandwidths from 4 to 20 kHz, with shape factors of 1.6 to 1.3. Any of the following may be chosen: 4, 5, 7, 9, 13, 17, and 20 kHz. One filter mounted on the board: \$ 79.00. Two filters on the board: \$ 149.00.

Optimization of the new Sherwood filters, plus a vast improvement of the performance of the existing AM filter can be realized with circuit changes on the main receiver board. A 30 dB improvement of the ultimate rejection of the standard filter is typical. Circuit modifications: \$ 30.00.

Alignment of the receiver's AGC and digital circuitry: \$ 20.00.

A modification is necessary to use the 515 with the Sherwood SE-3 phase-locked detector. The internal AM detector causes intermodulation distortion (IMD) of the I.F. signal. This distortion is accurately (and annoyingly) reproduced by the wide-band SE-3. An FET buffer is installed in the 515 to isolate the detector from the I.F., eliminating the problem. Field-installable printed circuit board amplifier: \$ 20.00. Installation of PC board: \$ 10.00.

Future products to be available:

Custom 3-kHz crystal filter, shape filter 1.5, to be mounted on Sherwood's accessory board: CN-3K/8 - \$ 149.00.

Installation of a special gas-discharge receiver input protection in place of present input diodes which may cause IMD with strong signals.

New internal product detector to eliminate annoying attack distortion on S.S.B. and C.W. PC board: \$ 25.00, installation: \$ 10.00.

Rob Sherwood mentions that his NRD mods have been well received thus far. A before and after 90 dB selectivity plot is provided for NRDs modified by Sherwood.

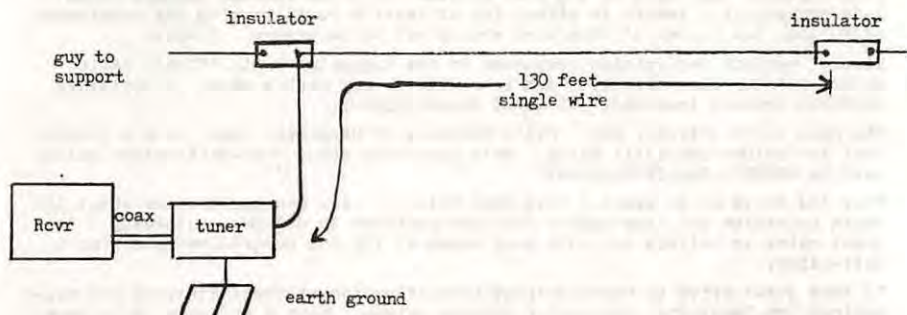
write: Sherwood Engineering, Inc., 1268 South Ogden St., Denver, Colorado, 80210.

Wilder A. Pickard II, Evanston, IL writes that a recent request for information about the Collins 451S-1 receiver brought a reply from Wayne L. Groff, Program Manager, Amateur Products: "As of this time, the 451S-1 is not in production and therefore price and delivery information is not available." The 451S-1 was reviewed by Larry Magne in the 1982 edition of the World Radio and Television Handbook and was the subject of full-page advertisements in the 1982 and 1983 editions.

Frank Decker, Syracuse, NY mentions that the February 1984 issue of Ham Radio has a very interesting article on "High Frequency Receiver Performance: Understanding and Specifying Good Receiver Operation," by J.A. Dyer, C40BU.

- - - If the February "Technical Topics" column on "Ferrite Toroidal Cores" aroused your interest, then you will want to read "Learning To Work With Toroids" in the March 1984 issue of QST by retired Senior Technical Editor Doug DeMaw, W1FB. Mention is also made of DeMaw's book, "Ferromagnetic Core Design and Applications Handbook" no. 0-13-314088, Prentice-Hall, Inc., Englewood Cliffs, NJ. This book is available in a hardcover edition from Amidon Associates, 12033 Otsego Street, North Hollywood, CA 91607 for \$ 23.95.

Eric Falkenhan, WA3TAD writes that he has a simple but useful antenna system that he has used for many years with good results. It operates from 1.8 to 30 MHz and it is inexpensive to build. It is called an end-fed Hertz antenna, but it is also known by others as a Marconi, inverted L, or random wire. The antenna looks like this:



"The secret to this antenna is that you need an antenna tuner and a good ground system. Also the antenna wire should be as high and in the clear as possible. I use an MFJ Versa Tuner which will match just about anything to a 50 ohm receiver input. Many tuners are available from companies like MFJ, and the prices for "bare bones" models are quite reasonable. For a complete catalog from MFJ write: MFJ Enterprises, Inc., Box 494, Mississippi State, MS 39762.

The next thing to consider is the ground system. Cold water pipes usually work but I have found that 3 or 4 four-foot ground rods driven into the ground are much better. Simply wire the rods together and run a ground wire to your tuner. Your receiver should also be grounded. I do not recommend an electrical outlet ground, as these are usually pretty "dirty" grounds.

Next comes the antenna wire itself. I use a good quality stranded wire with a plastic jacket. The strands add strength to the antenna and the plastic jacket will protect the wire from corrosion. 130 feet of wire is needed. The insulators are ceramic types but the plastic ones work also. The guys are nylon cord. Try to keep the antenna away from electrical lines, telephone wires, and rain spouts. Trees and TV masts make good supports for the guy ropes. A nice feature of this antenna is that the length of the vertical and horizontal legs are not critical, as long as the total length is 130 feet. The antenna can also be bent at slight angles with little change in its' performance. This makes a good antenna for SWLs with small lots.

Hook up and operation are a snap. Connect a 50 ohm coax line from the tuner to the receiver. Make sure that the tuner and receiver are grounded. Connect your antenna to the appropriate binding post on the tuner. Tune in the band you want to listen to and tune variable capacitors C1 and C2 and inductor L1 for maximum signal. That's all there is to it.

A foot note on using the antenna on the lower bands (120, 90, and 60 meters): The antenna will be more sensitive broadside to its' length, like a dipole. On the higher bands (49 meters and up) the antenna acts like a longwire and will be more sensitive off the ends. This will have some bearing on your antenna placement and position. Also the tuner tends to short medium waves (BCB, 540-1600 kHz) to ground. If you wish to DX MW/BCB, just bypass the tuner and run the 130 foot wire "barefoot" into your receiver. This works well for me.

Many thanks to Rob Sherwood, Wilder A. Pickard II, Frank Decker, and Eric Falkenham. That wraps up another month. Keep those letters and cards coming! 73-

Jim

CONTACT

Editor: Andy Robins, 223 North Shore Drive, Apt. 2115, South Haven, Michigan 49090

I guess I'll have to eat crow. I promised that "Contact" would have no more unannounced interruptions but that's exactly what's happened. The cause is simple: for the second time in two months, Dorothy and I have moved - this time into a bigger apartment in the same complex. The new address appears below. This address will remain in effect for at least a year; barring the unforeseen, so further mea culpas of this kind should not be necessary. I hope.

Several members had written responses to the suggested topic "Pirate Radio." Unfortunately, these letters have been lost in our double move. I apologize to those members involved. It won't happen again.

The news isn't entirely bad. Fritz Mellberg of Hawarden, Iowa, took a chance that the column was still alive. He's concerned about the verification policy used by NASWA's Awards Program:

"For the three or so years I have been DXing, I have managed to hear about 146 radio countrys and have made a conscious decision to not QSL. Instead, I take great pains to collect and edit good tapes of IDs and program material for a collection.

"I take great pride in conscientious identification of these stations and have avoided the temptation to count a country unless I have a definite ID on tape, audible to anyone listening. In some cases, I have hours of tape over many weeks of listening to get a good ID. I also have miles of tape from a station I 'know' is Radio Niki Niki, but there is no proof on tape in the way of specific words. That station remains an "unid," and that country stays uncounted.

"I enjoy all this very much and I feel the hobby has done a lot for me. Over the years I've managed to qualify for about eight DX awards - at least in terms of the number of stations/countries I've heard. But when I dig out my Country List booklet and read the awards policy in back, I discover that I don't have proof that I have heard those countries. Why? Because tape verification is not accepted as proof. As I understand it, I must enter the QSL aspect of the hobby to qualify for any measure of 'Wall Pride' - my phrase for certificates of achievement.

"Most of the time that doesn't bother me. But periodically, after a long, hard, grouchy winter for instance, it bugs me that such a policy goes unchallenged. I haven't heard it mentioned or questioned in the three years I've been a member of NASWA. On occasion, I note that others do not QSL either, and here and there I note that most DXers must have tape collections too. Perhaps I am not alone in my position. Could it be that off-air taping was a nonexistent technology when DX clubs were started? Or was it too cumbersome and difficult for the average listener? Well, in the last fifteen years, tape recorders have become as common as antenna wire. Is the NASWA policy out-of-date?

"I admire and respect - yes, even envy QSLers! I feel the dialogue they carry on with broadcasters is a vital aspect of the hobby. But that dialogue can go on without a QSL request. I have written to stations to tell them how their signal is coming in and how I enjoy or dislike their programs, and it isn't tied to a request for a QSL. Dialogue can't be the only reason for continuing the policy.

"Some may argue that I could swipe an aircheck from a DX program, add it to my collection, and count that country. Any awards based on such tapes would diminish the value of awards because they'd be too easy to get. Well, I've been around enough to know that QSLs can also be obtained fraudulently. And as for taped IDs being easy to get, they're not. I've been hearing Lesotho for a long time on 4,800 kHz but have still to get a decent verbal ID I can understand. Perhaps I should send off a reception report with program details I do have and get a QSL. It might be easier.

"I suggest that the Awards Program people either change their policy or develop a new category for tape verifiers. There would be some differences in the way countries are counted. For instance, it would be difficult to hand out QRP awards without a QSL. And transmitter sites are rarely mentioned in IDs. Those awards would be lost to tapes, but that's okay by me.

"How would the awards chairman know that I heard a country without listening to a bunch of tapes? I wouldn't want to have to listen to hours of hiss and howl to verify that someone heard the Falklands. Maybe listening to tapes would not be necessary. Or perhaps an edited tape of a certain length would have to be submitted with the award application, so the chairman could check only those in doubt. The tapes would become the property of NASWA and would provide a valuable collection of radio reception over the years.

"I'd like a little 'well pride' for my radio room. As a member of the medium-wave-only IRCA, I can earn awards with tape verifications alone. Their criteria is to have the listener ask: 'Would my tape prove to a visitor that I have heard the station?' Why can't NASWA join the twentieth century and recognize that tape recording is here and can be valid proof of reception?

Some interesting thoughts. I am intrigued by Fritz's suggestion that tapes would go into a NASWA archive. Whether or not tapes are accepted in the awards program, such an archive could become an extremely valuable historical resource. And not just for hobbyists. Future historians could consult recordings of clandestine stations to gain insight into insurgent movements in Central America, to mention only one example. This could be a service that NASWA could provide the world at large, with public relations benefits for the whole hobby. But would enough members make the sacrifice necessary to make a club archive more than just a dream?

What about next month's suggested topic? How about nominations for the best, and worst programs on shortwave (other than Radio Tirenna, that's just too easy to dump on)? Name names: you don't like a particular program host for a legitimate reason? Say so. This is not an invitation for ad hominem distribs. The goal is informed criticism.

Congratulations to any and all who received verifications from W5LFL, better known as Dr. Owen Garriott, for his 2-meter ham transmissions from the STS-9/Spacelab-1 mission aboard "Columbia". Mine now has an honored place atop my trusty Bearcat.

Remember: "Contact" lives and dies by your contributions. Which brings me to a crucial reminder of my new address: Andy Robins, 223 North Shore Drive, Apt. 2115, South Haven, Michigan 49090.



(Any interest in doing this spot regularly?-JH)

Bill Taylor checks in to let us know he didn't "row my boat off the edge of the ocean." Bill is alive, well and "busy as hell!" Bill, you'll remember, decided to take a breather from his "Vintage Vignettes" column to pursue a book on his love: vintage radio. The initial book research is done and the publication will cover over 250 receivers by over 85 manufacturers covering the years 1912 through 1940. Bill hopes it will be ready by Christmas of this year for distribution.... "What ever happened to card swapping?" asks Errol Urbelis (563 Meadow Rd., Kings Park, NY 11754). It seems Errol made quite a few friends through the years (he started DXing back in 1957) through swapping and now his renewed hobby interest has brought the old logs and veries back into view.... Dr. Richard E. Wood, Abha, Saudi Arabia, enclosed a page from the new International Shortwave Listener's Program Guide, in which Richard holds the position of "Editor-at-Large", writing the "DXpert" column along with feature articles. It's obviously geared toward program listening, though not exclusively, and it's issued bi-monthly. If you're interested, write to: Miller Publishing, 424 West Jefferson St., Media, PA 19063. Subscriptions are \$19.95 yearly. George Schnabel (151 Chesterton Rd., Rochester, NY 14626) will be a name recognizable to many. He's back at the dials and looking forward to DXing again on a regular basis.

by T.C.L. Symmes
Flat 1, 17 Lower Street,
Karori, Wellington,
NEW ZEALAND

New Zealand

At a time when New Zealand's commitment to an overseas radio service is virtually non-existent, I was surprised when I recently heard, on a shortwave frequency, the announcement, " 'Pacific Link' is compiled and presented by Rudi Hill of Radio New Zealand, Overseas Service". What was even more surprising was that the program was being carried not by Radio New Zealand but was being transmitted by Vanuatu.

To find out more about the program I talked to Rudi Hill at his office in Wellington. He told me that during a spell in Western Samoa he had realized that while the island communities of the Pacific were well supplied with news of international happenings through service provided by international broadcasters such as the BBC, Voice of America, Radio Moscow and, nearer home, by Radio Australia and Radio New Zealand, they had little or nothing from their neighboring states. Rudi felt that Radio New Zealand could help fill the vacuum and after his return home he developed a proposal which was put to the various broadcasting services in the South Pacific.

In the islands, the radio stations are the main source of news but most work to a minimal budget. The idea, therefore, was to provide a weekly service for the various broadcasting services to which they could all contribute and which would be available for use by all and at minimum cost. The participating services would telephone a short weekly report to Rudi in Wellington. He would then put the program together on cassette and mail the program back to the various islands on the same day. Bearing in mind that even airmail to some of the outlying islands can take as long as ten days this might seem somewhat pointless as a news service. However, Rudi pointed out that the Pacific attitude to news is somewhat different to that of western nations--in the Pacific news remains news as long as it hasn't been heard before. When one thinks of the number of times the same item is repeated on local and overseas radio news services, that doesn't seem such a bad definition.

When the proposal was put to them it was received enthusiastically by a majority of the island broadcasting services and started off in April 1981 and has continued since. Not all the participating countries report in each week and there have been some changes in membership since the beginning. Also it has been found that even the cost of a weekly telephone call is more than the service in some of the smaller and newer nations can afford. These can send a taped report; it takes longer, but, bearing in mind the local attitude to news, that is not overly important.

I asked Rudi whether the island broadcasters receive a copy of the program regardless of whether they send items for inclusion or not. He said that so long as they make fairly regular contributions they do and he also told me that "Pacific Link" is listed in the regular schedules of most. Rudi said that while not all participants call him or send reports weekly, a number of them do and that Solomon Islands and Vanuatu head the list of regulars.

What the various services want for their listeners is information on shipping and aircraft movements, produce sales and prices, fishing agreements, changes in policy and so on. A recent program included reports from Tonga, Western Samoa, Niue, Fiji, Vanuatu, Solomon Islands and Kiribati, with the promise of future contributions from Cook Islands and Tuvalu. Among the subjects mentioned were political developments, health problems, fishery agreements, tourism, economic aid and shipping and air services.

Future developments and planning for communications in the South Pacific, Rudi said, had been discussed at a Regional Communications Conference held in Western Samoa in September 1983. Earlier the Fraser government in Australia had allocated \$200,000 towards the establishment of a Pacific News Exchange, an agency possibly in Fiji and drawing on its members from the Pacific Forum nations. It was recommended that the agency should be manned by a journalist/editor with a staff of two and that it should have telex and similar facilities. It would receive help, advice and guidance from the Fiji Broadcasting Service. Apparently no estimates of annual costs or proposals for continued finance were made.

Rudi pointed out that the South Pacific Forum had been given the responsibility for implementing the proposals to set up the agency but it appeared that it did not want the responsibility and that no progress had been made. A major question hanging over the suggestion was that of continuity of finance and there was little likelihood of this being forthcoming from the island governments. A lesser concern was whether the islands could of themselves generate sufficient news to warrant a full time agency of the type envisioned.

And lastly why should the islands pay for a swept up service suggested by western oriented broadcasters without reference to or consultation with their Polynesian counterparts when Radio New Zealand and Rudi Hill provide a satisfactory service which costs them relatively nothing?

While it is good to know that RNZ has still some presence in the Pacific it would be even better if there was some hope that in this election year there was public pressure to develop the overseas service as required by the Broadcasting Act.

Those who have travelled outside New Zealand will be only too conscious that there is little or no coverage of that non-country, New Zealand, in local news media and that to all intents and purposes nothing is known of its problems, politics or natural attractions. And the country's leaders seem to be almost alone in their neglect of radio as a means of low cost communication and publicity. If the government were to put the same amount of effort and enthusiasm into providing an adequate overseas broadcasting service as it has in its recent efforts to promote a major beauty contest, the rewards in tourist promotion would be far greater and more enduring.

Love and Lunacy in Lima



by Ralph W. "Ralphus" Perry

"Aunt Julia and the Scriptwriter" by Mario Vargas Llosa
Avon Books #63727 (1983) \$3.95



It's as if Bill Oliver one day decided to open up NASWA's immense treasury to underwrite a book especially for us radiophiles. "Yes, spare no expense, and who cares if nobody buys the blasted thing other than a bunch of us radio nuts," Oliver would have said to, say, Al Sizer or some other budding novelist, "just write up a sizzler for that NASWA segment who are dyed-in-the-wool Peru fans. You know, Si, give 'em shortwave radio, but put in some sex, too, and some culture, too. And make it real. Show 'em Lima." Si would have been on the next AeroPeru flight down to Lima from Miami, and probably would have come up with something like "La Tia Julia y El Escribidor".

This is an astounding book. Mario Vargas Llosa, one of Peru's most august novelists, should be awarded a lifetime honorary membership in NASWA for crafting this delight, first published in Spain in 1977. It first came to my attention in early 1978, when an interview with Vargas appeared in an international magazine, in which Vargas explained the premise of the novel. And at that time, I wrote a summary of that interview for Fine Tuning. But it wasn't until very recently, when John Campbell mentioned the "Aunt Julia" plot in FRENDX, that it occurred to me to try to obtain the book. The good news is that the Avon paperback, English translation, has only recently been available anyway. The blurbs on the cover indicate the story has met with critical acclaim here, as well, with Time calling it "A bedazzlement of entertainment" and the NY Times Book Review labeling it one of the year's 10 best novels. The LA Times is even more generous: "Funny, extravagant, a wonderfully comic novel almost unbelievably rich in character, place and event."

What's all the noise about? Vargas, born in Arequipa but living much of his early life in Cochabamba, Bolivia, interestingly enough was a news-writer at Lima's Radio Panamericana while he was studying at the University of San Marcos. While he was privy to the "inside" view of Lima radio stations in those days, especially Radio Panamericana and Central, which were jointly-owned by the same family, some amazing things transpired. Whereas his employer, Panamericana, was given to high-brow tendencies, playing classical music, imported discs, dinner music (EZL) and hourly news bulletins (which provided Vargas' job), the sister station, Central, was whole-hog into steamy soap operas of the air, the radionovelas. At least in the novel (perhaps also in reality), at that time the Lima stations purchased their radionovelas from a vast novela-mill operating in pre-Castro Cuba, CMQ. The price was high. The owners of the two stations came up with the idea of hijacking Bolivia's top writer of radio plays from Radio Illimani, one Pedro Camacho (who was, in reality, Raul Salmon, according to Vargas--a most interesting coincidence given the same name is still connected with Radio Nueva America, La Paz!). For not an unreasonable sum, the Lima outlet Radio Central was able to hire Camacho and his prodigious talents for a fraction of what they were paying CMQ/Cuba.

Camacho/Salmon began grinding out 80-hour weeks, both writing, and directing, some ten daily radionovelas for Radio Central. His amazing talent for the bizarre and the titillating soon had all of Lima in his grasp. Radio Central's ratings began to rocket. At the same time, the young Vargas (both in real life and in the novel) watched this spectacle with a great deal of interest, as Vargas, despite his studies at San Marcos, really fancied himself a writer and fondly dreamed of the day he could wrench out a starving existence in a Paris garret.

Vargas described the real-life Salmon thusly: "he was quite a picturesque character who worked like a galley slave, had extraordinary professional conscience and was wrapped up in his role as a writer, as an artist. At the same time, from a literary point of view, was a kind of parody or caricature of what a writer might be: pedestrian, deformed, a little pathetic." (In the novel, Pedro Camacho sounds very much like a bug-eyed Danny DeVito, for those who have seen the U.S. television comedy program "Taxi". Overlay on that mental image, wild, scraggly hair, black clothes with an ever-present green bow-tie, a mechanical smile, and you've got Camacho.)

At the same time that Vargas is watching Camacho do his thing, the romantic element of the novel begins, when his sexy divorced aunt, Julia (soon to be Julita to "Varguita!") arrives from Bolivia in search of a husband. Although it begins innocently enough, with Vargas taking his aunt (some 14 years his senior) to the movies on nights her "serious" suitors weren't calling on her, the relationship quickly heats up. Clandestine rendez-vous begin as the family would never understand!

The pace of the novel is thus set. On a romantic level, the action is escalating. On the broadcasting level, it is also. Camacho shows himself as a dictator of sorts--he sacks his sound effects man for not quite living up to his standards, and the station owners quickly hire the best man in town away from Radio Victoria! In fact, given Camacho's ability to increase ratings, his leverage with the owners becomes immense--they are afraid to upset him in any way, and begin using Vargas as a go-between when they have to communicate anything which might upset the soap opera king.

Vargas injects a number of wonderful twists and turns into his novel, not the least of which is the very structure of the book itself. Chapters alternate between the "real-life" events and installations of the various radionovelas. And then there is a series of running gags which pepper the book. My favorite is Vargas' assistant in the news department at Panamericana who, whenever left to his own devices, would fill the hourly news bulletins with obscure, sensationalistic items about massive floods in Uzbekistan or killer bees in the Ogaden, and so forth!

The work hits its crescendo when Camacho begins to buckle under the pressure of the daily production of 10 new works and eventually begins to lose control of his stories. Characters from one novela begin crossing into other novelas, dead characters begin reappearing out of the blue, personages suddenly change names, and so forth. At first, Vargas assumes that the artist is doing it deliberately, expounding some new art-form, and in fact, all of Lima is somewhat perplexed. Confused, angry, or both, listeners begin deluging the Radio Central switchboard with phone calls and, for a while, Camacho's deadly-loyal announcers and actors (who sense what is happening) try to cover up for him by catching all the phone calls. But eventually word filters in to the owners, who approach Vargas to do something, to convince Camacho that his listeners don't want such confusing, existential, whatever-you-can-call-it literary devices. They want their simple, saucy stories. But by this time, Vargas has his hands full with his own problems: desperately in love with Aunt Julia, the secret is no more. The family wants to put her on a plane back to La Paz.

As the novel roars into its finale, everyone begins solving their problems in different ways. Upon confronting Camacho with the owners' edict, Vargas is told by the fraying writer that he is not intentionally confusing the plots, that, simply put, he can't keep things straight anymore. Control is slipping away. I must do something, Camacho vows. And he does. Suddenly, earthquakes and fires begin occurring with the regularity of the daily mail on Camacho's soapers, wiping out hordes of unwieldy characters. One after another, Camacho begins knocking off his disobedient creations, but even those thus killed refuse to remain in the grave. At the same time, Vargas reaches an equally dramatic solution to his problem: he would try to marry Aunt Julia. But, being underage and without parental consent, the scam would involve falsification of papers and driving halfway across all of Peru's hinterlands to find a local mayor sufficiently-out-of-touch with the law to perform the illegal ceremony.

About his novel of "the world of soap operas: that intriguing universe of temperament and truculence, marvelous coincidence and infinite bad taste", Vargas had this to say: "On the surface, it is a novel about soap operas and melodrama. On a deeper level, it deals with something that has always fascinated me, something to which I devote my life but which I have never understood: Why do I write, and what does that writing mean? Ever since I was a boy, I have been pursued by the temptation to fictionalize everything that happens to me. I sometimes have the impression that what I do, what is done to me--my whole life--is only a pretext for inventing stories. What lies behind this incessant transmutation of reality into fiction? Is it an effort to save what I have loved from ravenous time, or the desire to exorcize painful and terrible events by transfiguring them? Or is it simply a game, a drunken orgy of words and fantasies? The longer I write, the more difficult it becomes to find the answer."

Whether he finds it or not, I for one hope Mr. Vargas continues with his art.

At right: Mario Vargas Llosa and the cover of his book, "Aunt Julia and the Scriptwriter"



A PASSION FOR PERU

BY MARIO VARGAS LLOSA

A REQUIPA, THE CITY where I was born, is in an Andean valley in the south of Peru. It is famous for its clerical and rebellious spirit, its jurists, its volcanoes, the clarity of its sky, the fine flavor of its shrimp, its regionalism. It is known as well for *la nevada* (the snowfall), a kind of transitory madness that suddenly turns the mildest of Arequipans into a belligerent and obnoxious person. No one is surprised to see in some

Ralphus' love affair with Peru and Vargas is contagious. But, it's not hard to figure out if you get up at 0930 and try for Libertad on 4910 kHz, is it?

Eagle-eyed DXers caught a great feature by Vargas entitled, "A Passion For Peru", in the Sunday, 11/20/83, NY TIMES MAGAZINE. It's must reading for, as Jerry Berg calls 'em, "Oaphiles".

I would've missed it too if it wasn't for my buddy, Carl Worden, who donated the issue. Thanks, Carlos! (JH)

(Editor's note: We were going to continue this last month, but time and space prevented us. Sorry. - JH)



DXing in Europe: Pt. 2

by Michael Schmitz, Poste Restante, Correo Central, La Laguna, Tenerife, CANARY ISLANDS

Shortwave spans the globe, and therefore the SW reception of African stations in Europe might not differ very much from those made in the US. European DXers receive African stations either in the morning or evening hours. Normally, the morning reception is shorter and offers fewer stations, but also better signal strength and lower interference. Standard stations in the morning hours are Cotonou-4870kHz, Lagos-4990 kHz, Kaduna-4770 kHz, Africa No. 1-4811 kHz, and Noukchott-4845 kHz. Sometimes one can also pick up Ghana-4915 kHz, Togo-5047 kHz, Bata-4925 kHz, and Bertoua-4750 kHz. Since a few months ago, there is also Parakou-5025 kHz which is easy to receive in the morning hours and offers its own QSL.

Evening reception offers a greater variety of stations but also more RTTY QRM. In winter, which is the tropical band season, African stations fade in from 1730 GMT on. Standard stations are the above mentioned ones plus: Senegal-4890 kHz, ELWA-4765 kHz, Yaounde-4850 kHz, Garoua-5010 kHz, Douala-4795 kHz, Bangui-5035 kHz, SABC-4835 kHz and 4880 kHz. Sometimes one can pick up Bamako-4838 kHz, Conakry-4910 kHz, Buea-3970 kHz, Bafoussam-4000 kHz, Libreville-4777 kHz, Uganda-5027 kHz, Kenya-4934 kHz, Angola-4820 kHz, Tanzania-5050 kHz, Malawi-3380 kHz, TWR-Swaziland-5055 kHz, Cape Verde Islands-3931 kHz, Zambia-4910 kHz, and Lesotho-4800 kHz.

There are some specialists who can pick up quite a number of other stations, mainly from Angola and Mozambique, but the above given list might give you a general survey about what you can receive here in Europe with a Grundig Satellit 3400 receiver.

Many Asian stations have good signal strengths and might therefore give rise to some DXers becoming real program listeners. (Mike, you jest!-JH) QSL enthusiasts think highly of the large number of local SW stations heard from China, India and Indonesia. Furthermore, the reply rate of Asian stations is quite good.

DXing IN EUROPE (cont'd)

The voice of Turkey has always a good signal and has, apart from its Foreign Service, a special service for Turks abroad. Two Turkish DX stations are the Turkish Police Radio operating on 6340 kHz and the Turkish State Meteorological Service on 6900 kHz, both heard in the afternoon. The reception of the last two stations is better during the winter months than in summer.

Syria finished SW transmissions years ago, but was formerly heard on 9300 kHz (if I remember right). An External Service is still operating on medium wave but this might be a rare catch for BCB DXers. Some plans have been published recently in European DX bulletins about the reactivation of Syrian shortwave transmitters, but I don't want to speculate on that now.

War-torn Lebanon has three SW stations, all received in Europe. Radio Lebanon changes frequencies often and we can only receive the North American Service on 11955 kHz. The Voice of Lebanon is heard afternoons on 6550 kHz and the Voice of Hope on 6215 kHz during the evening hours. The Voice of Hope is known to be a reliable verifier via its address in Israel or in the US. For the moment, verifications from Lebanon might be difficult because the postal service does not operate properly.

From Israel, we hear a lot from Kol Israel on shortwave, but for enthusiasts there is still the low-power Voice of Peace on 6240 kHz, sometimes heard around midnight. The power of this station is only 400 watts, but is heard as a result of its out of band frequency.

Kuwait, Saudi Arabia, Qatar, the United Arab Emirates and Oman have put their petro-dollars into very powerful SW transmitters which can be heard here many hours every day on many frequencies. All of these stations have a good QSL reply rate and send, apart from their QSL card, a lot of informative material. Saudi Arabia answers every letter by registered mail.

Radio Baghdad, Iraq, is well heard on 9745 kHz during the evening and operates a German Service, since a few months ago, on 9610 kHz.

Radio Tehran, Iran, is on 9022 kHz and always receivable. Also, the Kalamabad frequency of 15084 kHz is heard in the evening. Since the war with Iraq, confirmations from Iran show war-glorifying photos. It might be difficult to get verifications of the 19 meter band frequency, and I know some DX friends who got a verification indicating 9022 kHz for a report of 15084 kHz.

Radio San'a, Yemen, is on the air on 4853 kHz and is often heard with a faint signal between afternoon and s/off at around 2115 GMT. Verification policies of this station seemed to have changed during the last year, and quite a few of my friends have received verifications in the past few months.

Radio Aden is receivable on 6005 kHz during winter evenings. QSLs are not easy to get but some members of my DX club received confirmations by sending their reports to the German embassy, where it was sent to Aden. That's not the usual way to get a QSL, but as we all know, invention may be needed to get the desired confirmation.

The Hashemite Kingdom Broadcasting Service (Jordan) is a rare catch here but is sometimes received on 9560 kHz with an English program at 1500 GMT. QSLs are hard to get.

Radio Afghanistan is always on 15077 kHz during the afternoon hours but normally the Kabul relay of the USSR is better on 9665 kHz. For a QSL, one has to enclose an IRC.

Asian Tropical Band stations fade in from about 1400 GMT and are receivable until close down or fade at about 1900 GMT. Logically, there might be another period of reception around midnight, but experience has shown that the best reception is possible during the afternoon. The midnight reception period

DXing IN EUROPE (cont'd)

only offers Chinese regionals but with strong signals. Asian Tropical Band reception is very unsteady. There may be days or even weeks without hearing a single station, yet the band is full of exotic Indonesian stations.

The reception of Radio Pakistan is possible on many frequencies; the best one for Europe seems to be 21802 kHz, which offers the least interference. The Home Service operates on several frequencies and, when you take the above comments into account, can be heard on 5060 and 5095 kHz. Local stations drift noticeably, and we hear Quetta on 4885 kHz, Rwalpindi on about 5010 kHz, and Azad Kashmir Radio on around 4980 kHz. QSLs from these stations require many months to receive. Radio Pakistan's External Service normally sends its publication, "Pakistan Calling", together with its QSL.

All India Radio's External Service is on 11620 kHz from afternoon to midnight. The signal strength is excellent. Local stations are heard in the 90, 75 and 60 meter bands. Delhi is received on 3365, 3925 and 4860 kHz; Kurseong on 3355 kHz; Gauhati on 3235 kHz; Madras on 4920 kHz; Bombay on 4840 kHz; Lucknow on 3205 and 4880 kHz; and Hyderabad on 4800 kHz. Local stations will confirm by QSL card or letter. For program details, try the English news broadcasts between 1530 and 1545 GMT, 1730 and 1735 GMT, and 0032 to 0035 GMT. For specialists, reception of Jammu, Kashmir, is rare.

The Sri Lanka Broadcasting Corporation has a good signal around midnight on 9720 kHz but QSLs are hard to get. It's easier to get a confirmation for the VOA relay station at Colombo or the AWR programs over SLBC on Sundays. Many European DXers use the VOA Monitoring Office address in Vienna, Austria for VOA reports.

The External Service of Radio Bangladesh is heard between 1230 and 1300 GMT on 17800 and 21670 kHz, and also from 1815 to 1915 GMT on 15270 and 11765 kHz. Radio Bangladesh is known to be a good verifier but confusion over the correct address has made many reports useless.

Nepal is a highlight for European DXers and can be heard between 1520 and 1720 GMT on 9590 kHz. Sometimes the 60 meter band frequency of 5005 can be heard in the afternoon.

A DXers dream is the reception and confirmation of Radio NYAB with its 300w transmitter at Thimphu, Bhutan. A member of my DX club, ADDX, received a confirmation letter some months ago which has been since published in our club bulletin. For most of us, reception of this station will remain a dream until plans for increased power (5 Kw) becomes a reality.

(Ed's note: We will finish Mike's rather lengthy analysis next month when he continues to discuss reception of Asian stations.)

A few things to clear up...Congratulations to Steve Reinstein who is destined for fatherhood later this year...Recent editions of "SWL Digest" featured commentary by Don Jensen on the birth of ANARC and, if you missed it; too bad--it was good...UPDATE continues to grow. It's really excellent and Tom is, as always, rock-steady in his editing...Some of the coming "attractions" here in SWC: A feature on "radio stamps", the hobby of mixing philately and DXing, concentrating on stamps that depict and/or commemorate broadcasting. Neil Carlton of Canada is our man on that project. Also, more on Peru, and, hopefully, some more interviews. Any ideas??

That'll do it. Thanks, gang, and until next month, 73s-

Handwritten signature





Listeners Notebook

This month, Listener's Notebook is brought to you again by Terry A. Ward; 2202 Oxford Lane; Cedar Falls, IA 50613. The listings below use the following abbreviations:

BEC-WMS BEC World Monitoring Service "World Broadcasting Information"
(Material here is copyrighted and may not be copied
without permission from the BEC).
ADX Australian DX News
NZDX New Zealand DX Times

Addresses Last month I mentioned the Monthly Ace from the Association for Clandestine Enthusiasts and several readers called me to task for omitting their address. Well, a month later and somewhat chastened, here is the address:

Association for Clandestine Enthusiasts
P. O. Box 13225
D. T. Station
Minneapolis, MN 55414

Band Scans The Australian DX News reported in its March 1984 issue of an interesting band scan by members. Basically, a band scan is an exercise designed to help members gain experience in systematically monitoring a selected portion of the shortwave broadcasting spectrum. According to DX News, the band scan concept also aids members in improving their hobby skills in logging, identifying and reporting stations broadcasting in a variety of languages. Due to their location in Australia and the times chosen 0900 - 1100 UTC from February 10 to February 18, the majority of stations noted were Asian with a few Soviet and Latin American stations thrown in for good measure. Seventeen members participated and noted a total of 141 stations from countries as diverse as the Soviet Union, Mongolia and Brazil. Seems to me to be an interesting idea - Any comments. If there's any interest, I'll work up something for the Listener's Notebook Band Scan contest and announce it in a future column. (taw)

Clubs Last month I mentioned several publications of interest to clandestine enthusiasts and that started me thinking about memberships in radio/dx'ing clubs. In my professional data processing memberships, I get a discount for belonging to several such organizations. Here's an idea for ANARC -- Any possibility of coordinating membership so that membership in NASWA and SPEEDX and the LWCA, etc. etc. might be discounted for people subscribing to numerous DX publications? Any ideas out there concerning discounts for reciprocal memberships? With subscription/memberships increasing all the time this might be a way to encourage multiple memberships and a net increase in overall readership? Just a thought. (taw)

Equipment I know this isn't an equipment column and I know my expertise is not in electronics, but where would listener's be without listening devices. With that apology, I have recently heard some distressing news concerning the R. L. Drake equipment. According to Larry Magne (heard on the Radio Canada Int'l DX program April 7, 1984), Mike Brubaker of Drake reports that the R-7A will be discontinued. Drake's service policy will continue however and the professional Drake (the R4245) will still be available (ca. \$4000).

Publications A new book is out called "Massed Communication in Africa" by G. Mytton who worked for many years in Africa and is now in charge of Audience Research for the BBC External Services in London. Three cases studies of Tanzania, Zambia and Nigeria cover all aspects of mass communications. Published by Edward Arnold in London. (NZDX - Feb/Mar 1984).

Publications Another directory of EE language broadcasts is available. "The International Listening Guide" is described as 'the complete directory of External Services in EE'. Sections cover - home service (by continent); external services (by time); the general services of major broadcasters (AFRTS, BBC, etc.); news times. It is published in Germany four times per year by Bernd Friedewald and is available for US\$7.00 in this country from:

International Listening Guide
North American Representative
P. O. Box 3434
Littleton, CO 80161

A sample copy is available for US\$2.00 also from the address above.

Publications Radio Database International. By now many of you may have received the same refund that I have gotten from Gilfer concerning the long awaited Radio Database International. Word has come via the Radio Canada Int'l DX program that this publication is available from:

Radio Database International	Electronic Equipment Bank
Box 300	516 Mill Street, N. E.
Tenns Park, PA 18943	Vienna, VA 22180

Universal Shortwave Radio
4555 Groves Road, Suite 3
Columbus, OH 43232

No info concerning price or value yet here. Any reader comments?

Publications DX'ers active in listening to stations behind the iron curtain will be interested to learn of the publication of the "USSR DXing Circle Handbook". This detailed publications contains information about Soviet broadcasters for LW/MW/SW and FM stations. Detailed schedules of local stations are also provided. The "Handbook" has 75 pages and is available for the very reasonable price of US\$6.00 (airmailed) [1500 Japanese Yen] from:

USSR DXers Circle (URSC)
P. O. Box 14
Gifu-kita 502
Japan.

Preferred method of payment is by International Money Order, for credit: "Nagoya 0-9087 Keisuke Oda". Domestic money orders should NOT be used. Well recommended for the serious DX'er (ADX-March '84).

Time No, not the magazine of the same name but the occasional shift of radio schedules. On March 4, a new international schedule timetable commenced (known as M84-A). Frequency and schedule changes were made by many stations. There will be another major Timetable introduced on March 25 (known as M84-B), to coincide with the introduction of summer time in

northern hemisphere areas. As "watchers" and "listeners" of the HF spectrum, these changes will enable many new frequencies to be uncovered and "cleared" channels will open up all sorts of possibilities for previously unheard stations. (via ADX - March 84).

WARC The first session of the World Administrative Conference on High Frequency Broadcasting (WARC-HFBC) has recently concluded in Geneva. This WARC meeting was devoted to the establishment of technical criteria to be used for the planning of the shortwave bands allocated to the shortwave broadcasting service. One major topic was the expected shift from the current double sideband (DSB) system currently used to the new single side band (SSB) system. No need to despair over your newly obsolete receivers ... the SSB system is not expected to be implemented before 1990 with complete conversion to be completed by 2010. (ADX-March 84)

Radio Stations

Afghanistan BBC World Monitoring Service reports that R. Afghanistan's external service in Arabic from 1700 - 1725 is currently observed on 15530 kHz. (BBC-WMS Mar 15, 1984).

Afghanistan Since the first of April, R. Afghanistan has been broadcasting its English service to South and South East Asia from 0900 - 1000 instead of from 0930-1030. Announcements state that it is broadcast on 21460, 17720, 6230 and 4550 kHz. An English language transmission is also beamed to North America and Western Europe from 1900 - 1930 on 15077, 11950 and 9655 kHz. The R. Afghanistan Arabic service from 1700-1730 is heard on 15530 and 11700 kHz. (BBC-WMS Apr 5 1984).

Alaska M84A/B schedule (see TIME elsewhere in this column for TIME info) for KNLS, Anchor Point is as follows:

0700 - 0930	9685	EE to Asia
0930 - 1200	9685	RR to Central USSR
1200 - 1500	6100	CC to China
1500 - 1730	9685	RR to Europe
1730 - 2000	9685	EE to Europe

The English language segments reflect the introduction of EE services following upon the short "English Lessons" that were broadcast through February. (ADX-March1984)

Algeria BBC World Monitoring Service (BBC-WMS Mar 15, 1984) reports the latest Algerian Radio and Television Schedule. The English language broadcast schedule to Europe, North Africa and the Middle East is as follows:

17745, 15215, 9685,
9640, 9509 2000 - 2030 with news 2000 - 2015

Angola Radio Nacional de Angola has recently been observed carrying its programs in English and French at 2100 and 2200 respectively. (BBC-WMS Mar 22 1984).

Radio Nacional de Angola has recently been observed broadcasting on 4950 kHz. This frequency is normally used by "Voice of the Resistance of the Black Cockerel", a radio station hostile to the Angolan government and which supports the UNITA movement. Angola's domestic service and the "Voice of the Resistance ..." have been observed using 4950 kHz simultaneously at 0500 since early March. (BBC-WMS Mar 22 1984).

Australia R. Australia "Talkback" program (Mar 11) stated that test transmissions in English to India are taking place from 0000 - 0730 on 21680 kHz from the Shepparton Transmitter site and from 1430 - 1800 on 11790 kHz from Carnavron. Both tests will run until further notice. (BBC-WMS Mar 15, 1984).

Bangladesh R. Bangladesh has changed the frequencies of its morning test transmissions to Western Europe on March 22nd. The 0800 - 0930 transmission in Bengali is now on 21450 and 15230 kHz instead of 21640 and 17855 kHz. R. Bangladesh has also added a program in English "Voice of Islam" on the same frequencies from 0730 - 0800. (BBC-WMS Mar 29 1984).

Bangladesh R. Bangladesh (Dacca) has announced their latest external services schedule. The English language portion of their schedule is shown below:

21670, 17800	1200-1300 English to Europe
	1231-1236 News
	1236-1241 Commentary
	1245-1250 Press Review (Thursday)
9540, 7280	1815-1900 English to Europe
	1816-1826 News
	1826-1831 Commentary
	1835-1840 Press Review (Thursday)
9540, 7280	1900-1915 English to Europe
	(News - slow speed)

Belgium The Belgische Radio en Televisie (BRT) authority of the Flemish community of Belgium has announced the latest BRT external services schedule:

0030-0115	EE to Americas	11620, 9925
	(DX pgm Mondays)	
0715-0800	EE to Far East and	21810,
	N. America	9880
	(not Sat or Sun)	
1440-1445	EE to Far East and	21810,
	N. America	17610
	(not Sat or Sun)	
1810-1830	Sunday to	
	Europe & Africa	15550, 5895
	(DX Program)	
1815-1900	Europe & Africa	15550, 5895
	(not Sunday)	
2100-2145	Europe & Africa	11695, 5895
	DX Pgm (Sunday)	

Burundi LV de la Revolution, Bujumbura noted Mar 23 2003 - 2038 on 3300 kHz French news to 2011 followed by interview to 2028 followed by woman with standard ID, "Ici Bujumbura ...". Fadeout at 2038. (Warner-Australia).

Chad On March 27th Chadian National Radio (RNT) in Ndjamena carried a report on the inauguration that day of its short-wave transmitter by the French Ambassador to Chad and the Minister-delegate to the Presidency in charge of information, as well as several Cabinet Ministers. It was said that the 100 kW transmitter had been reactivated after four years of silence following its destruction during the 1979 fighting. The repairs to the transmitter cost 500 million CFA francs. Finance as provided by the French government and the job was carried out by Thomson-CSF technicians from the same company that had installed the first transmitter damaged in the fighting. RNT operates in the morning and evening on 4904 kHz and during the daytime on 7120 kHz. (BBC-WMS Apr 5 1984).

Chad Chadian National Radio (RNT) in Ndjamena has again been observed on the short wave frequency bands. It broadcasts on 4904 kHz during the early morning and evening period, with sign on at 0500 daily and sign off at 2100 except for Saturdays, when the station closes down at 2200. During the daytime, Chad is heard on 7120 kHz. News bulletins in French have been observed from 0530-0535 and 1845-1915. A further news bulletin in French is scheduled on 7120 kHz for 1330 on weekdays and for 1200 on Sundays. News in colloquial Arabic is broadcast from 1800 - 1820. A station announcement at 0500 gives RNT's operating frequencies for the start of the day as 4904.5 kHz, 840 kHz and 94.05 MHz. A news bulletin on March 23rd stated that RNT's 100 kW transmitter had gone into operation that week. The radio is currently broadcasting 81 hours per week, but has plans to increase programming in French, Arabic and local languages. Incidentally, RNT was last observed on the short wave frequencies in 1979. (BBC-WMS Mar 29 1984). Radio Moundou, located some 250 miles south-southeast of Ndjamena, continues to be heard on 5289. "Radio Bardai" operating from a transmitter in Libya still broadcasts on 6009 kHz. (BBC-WMS Mar 29 1984).

Comoros R. Comoro heard Mar 2 on 3331 from 1926 - 2000*. Pop mx in Swahili followed at 1939 a program of Arabic style music to abrupt s/off at 2000 (Warner - Australia).

Costa Rica The San Jose radio station Radio Universidad de Costa Rica was observed on 6105 kHz at 1330. The station announced itself as, "... on 6105 kHz in the 49 meters international band. This is the cultural station TICUR, Radio Universidad of Costa Rica broadcasting from Rodrigo Facio University." (BBC-WMS Mar 22, 1984).

Cuba Radio Liberacion in Havana reported that, from March 26th, a new program called "Radio Rebelde New Style" would start and Radio Liberacion would no longer be transmitted over national networks but would be incorporated into the new program. (BBC-WMS Mar 22, 1984).

Dominican Republic The newspaper 'Listin Diario' reported on March 9th that the radio station Alpha Omega celebrated its eleventh anniversary of religious broadcasting. It is on the air daily from 1300-1430 on 93.5 MHz and has plans to begin transmitting nationwide on 4750 kHz. (BBC-WMS Mar 29 1984).

France Radio France International's transmissions to Latin America between 2200 and 0200 continue to be broadcast additionally on 15180 kHz. Transmissions on this channel are observed with approximately a one-second delay compared with other RFI channels (15435, 11995, 11965, 11955, 9790 and 6085 kHz). The 15180 transmitter is located at the Montsinery relay station in French Guyana. (BBC-WMS Mar 29 1984).

French Guyana Radio France International's transmissions to Latin America between 2200 and 0200 continue to be broadcast additionally on 15180 kHz. Transmissions on this channel are observed with approximately a one-second delay compared with other RFI channels (15435, 11995, 11965, 11955, 9790 and 6085 kHz). The 15180 transmitter is located at the Montsinery relay station in French Guyana. (BBC-WMS Mar 29 1984).

Greenland Now audible in Edmond Canada. Again on 3999 kHz opening at 1015 and again 0100 - 0200. Transmitter had been off the air of late to install a new aerial system. (Cushen - NZDX)

Guam (Mariana Islands) External Services of KTWR - Trans World Radio sends the latest schedule. The English portion is noted below:

17725	0000-0045	English to S.E. Asia
11840	0845-1000	English to Japan
	0915	DX Listener's Log (Saturday)
9510	1330-1430	English to South Asia
9535	1500-1600	English - South Asia

Hungary R. Budapest announced on March 15th that, as a result of Hungary's switch to Summer time, their broadcasts would be transmitted one hour earlier beginning on March 25th. (BBC-WMS Mar 25, 1984).

Indonesia Radio Republik Indonesia (RRI) reported on March 24th that the Information Minister had instructed the Radio-Broadcast Development Board in charge of all non-RRI radio stations throughout Indonesia to continue enhancing national vigilance against all forms of radio broadcasts which were incompatible with Government policies, particularly in the field of information. This instruction had been issued in connection with the case of the "Children of God" organization. The Minister also instructed the board to pay constant attention to the content and quality of broadcasts, which should be conducive to the success of national development. He recommended that all broadcast material directly or indirectly related to the "Children of God" and other banned teachings be investigated and reported to the municipal offices of the Information Department. RRI ended its report by stating that the Information Minister's instruction had been issued in support of the implementation of the Attorney General's 1984 decision prohibiting the circulation of all materials related to the faith calling itself the "Children of God" and other banned teachings. (BBC-WMS Mar 29 1984). [Anyone know the background for this? Who are the "Children of God"? - tau]

RRI-Jakarta has the following revised schedule for M84A/B (see TIME for reason for the change):

Programma Nasional all on the following frequencies:
2332, 6045, 7270, 9680, 11770 kHz at the times below:

2200 - 0100
0500 - 0800
1000 - 1700
2200 - 0800 (Sundays)
1000 - 1700 & Holidays)

Programma Khusus 2200 - 1100 and 0800 - 1300 on 3277 and 4774

RRI-Semarang on 3935 kHz at the following times:

2200-0100, 0500-0800, 1000-1700
Sundays & Holidays: 2200-0800, 1000-1700

RRI-Jember on 3230 between 1700-2200 (E. H. Pranato of Indonesia via ADX)

Radio Republik Indonesia (RRI) recently reported that during the fourth five-year development plan it intended to build a number of new RRI broadcasting stations, including one at Ende in Flores, East Nusatenggara. During this period, worn out technical equipment will be replaced at all RRI stations (BBC-WMS Mar 15, 1984).

Iraq New type of jammer has been noted in Iraq. Approximately four channels on shortwave and a dozen on medium wave have been noted. The jammer is distinguished by an audio frequency tone of fast fluttering with clear audio modulation; in general an eerie "Twilight Zone"-like sound. The channels seem to be independently programmed with a power output of between 10 and 100 kilowatts. The jammer has been noted in India, Syria, Iraq and on Iran's external service. Th traditional Iranian out of band channel was jammed by two 15085 jammers on each sideband. (This info from Adrian Petersen via Radio Canada International's DX program)

Ireland R. Dublin is very anxious to become legal and continue with its present public service programming or money making. Legislation is expected in January 1985. R. Dublin wants some help from its foreign listeners; everyone who has enjoyed listening to them in the past on 6910 kHz. Obviously the Irish government is not going to make any mention of SW in its radio legislation unless someone pressures it to. R. Dublin is now making its case for that. It says it would like to be backed by as many letters as possible from friendly listeners to the relevant minister in the government. R. Dublin is hoping to be considered as a licensed shortwave broadcaster so that they can give the world a unique Irish voice on shortwave, with no cost to the taxpayer. The minister to write to is: Mr. Jim Mitchell, Minister of Posts & Telegraph, Leinster House, Dublin 2, Ireland. (NZDX - Feb/Mar 1984). In a related note, R. Dublin has recently raised their power to 800 watts and have a current schedule of 0800 - 1600 on 6910 kHz, usually on weekends and irregularly. (ADKN).

Japan The schedule of the external services of Radio Japan is reprinted below with only the English broadcasts noted. Frequencies marked with an "s" are from the Sines relay station, Portugal. The mark "m" denotes the Moyabi, Gabon relay station.

0000-0100	North America	17825, 15300
0100-0130	Far East, Americas (general svce)	17810, 17755
0145-0245	the Americas	21640, 21610, 17825, 15195
0300-0330	Far East, Americas (general svce)	17810, 17755
0500-0600	Far East, Americas (general svce)	17810, 15300
0630-0700	Europe	17785
0700-0800	Far East, Americas Mid. East, Europe (general svce)	m21575, 17810, 17785, 9505
0845-0945	Australia/NZ	15235, 11875
0900-0930	Far East, Americas Europe (general svce)	17785, 15195, 9505
1100-1130	Far East, Americas S. & S.E. Asia (general svce)	15195, 9580 9505
1215-1245	S.E. Asia	15235, 11875
1300-1400	Far East, Americas S.E. Asia (general svce)	11840, 11815, 9505
1500-1600	Far East, Americas Mid. East Europe (general svce)	m21550, 11815, 11815, 9580, 9505
1700-1730	Far East, Americas Europe (general svce)	11815, 9580, 9505

1800-1830	S. Asia & Africa	15235, 11840
1900-1930	Far East, Europe (general svce)	11815, 9580, 9505
1930-2000	Europe	11705, 9615
2015-2045	Mid. East, N. Africa	11705, 9615
2100-2130	Far East, Europe (general svce)	11815, 9580
2300-2330	Far East, Europe S.E. Asia Americas (general svce)	17755, 15235, 15175, 9645

Japan The following changes should be noted in Radio Japan's broadcasts beginning April 2 (BBC-WMS Mar 22 1984):

transmission from Moyabi, Gabon (500kW)
general service to Middle East and Europe

21575	0600-0700	Japanese
	0700-0800	English
21550	1500-1600	English
	1600-1700	Japanese

regional service to Europe

15315	0400-0600	English
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transmission from Sines, Portugal (250kW)
to the Middle East and Europe

11755	2200-2300	Japanese
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The total number of hours broadcast per day by Radio Japan as a whole is to be increased from 37 to 40 (one and one quarter hours in English and the balance in Japanese).

Japan Beginning in April, Radio Japan began using a transmitter in Moyabi (Gabon) to relay programs to Europe in Russian, Swedish, Italian, German and French from 0400-0600 on 15315 kHz. This Moyabi relay is also used to relay Radio Japan's General Service in Japanese and English to the Middle East and Europe from 0600-0800 on 21575 and from 1500-1700 on 21550 kHz. (BBC-WMS Apr 5 1984).

Lebanon The Radio Lebanon domestic service has not been heard on short wave frequencies (9545 kHz or 5980 kHz) for some time. (BBC-WMS Apr 5 1984).

Lebanon King of Hope plans to move to 6665 shortly from the present 6215. Currently 6215 is 100 kW. The new 6665 is expected to operate daily between 0400 - 0100. A wide selection of languages are in use - EE, Hebrew, AA, Finnish, RR, Serbo-Croatian, Azerbaijan Aramic. Station broadcasts from a site 3 km north of Metulla (Israel) and is operated by the Christian High Adventure Ministries. (aptly named with the current tragedies in Lebanon - tax) [via ADX - March 1984).

Lebanon The Voice of Hope evangelical-Christian radio station located in southern Lebanon and operated by High Adventure Ministries (Van Nuys, CA) has announced their latest schedule) Unless noted otherwise, the program language is English (BBC-WMS Mar 22 '84)

KING "The King of Hope"	6215 kHz
0300	sign on
0450 - 0500	news
0550 - 0600	news
0600 - 0610	news
0650 - 0700	news
0750 - 0800	news
0850 - 0900	news
0900 - 1600	Arabic language programs
	1000 - 1015 news
	1100 - 1115 news
1600 - 1610	news
1700 - 1705	news headlines
1900 - 1910	news
2100 - 2110	news
0100	sign off

This radio station gives its address for listeners letters as either:

KING - "The King of Hope"	High Adventure Broadcasting
c/o The Arizim Motel	P. O. Box 7466
Metulla,	Van Nuys, CA 91409
Israel	USA

Lebanon Radio Kuwait reported on March 27th that a new radio station had joined the amalgam of Lebanese radio stations by starting an experimental broadcast. The station was identified as "Radio al-Maqasid" (Radio Objective). No other details were given. (BBC-WMS Mar 29 1984).

Libya A recent survey of the shortwave frequency usage of the Socialist Libyan Arab Jamahiriyah Broadcasting Corporation's (SPLAJBC) Arabic language services has indicated the following (Note: all times are subject to frequent variation) [BBC-WMS March 15, 1984]:

domestic svce	17930, 15415,	
	15235, 9890	1100 - 1745
"Voice of the	17930	1745 - 2100
Greater Arab	15235	1745 - 2100
Homeland"	11815	2000 - 2200; 2300 - 0430
	9890, 7245,	
	3200	1745 - 0430
	6155	2100 - 0430

The "Radio Jamahiriyah" service in English for listeners in North America is currently heard on 11815 kHz from 2200 approximately.

Malaysia The Minister of Information has stated that Radio Malaysia's overseas service needs to be expanded. This minister noted that service needed to be extended to Europe and Canada in an effort to attract investment. (BBC-WMS Mar 22 1984)

Morocco Moroccan Radio has announced that daylight saving time would come into effect at midnight, March 15th and that standard time in Morocco would be advanced by one hour (i.e. GMT + 1 hour) [BBC-WMS Mar 22 1984].

Netherlands Radio Netherlands International has recently been observed on Thursday carrying a segment in Hindi with its normal broadcast in Dutch as 2130 - 2220. This broadcast is beamed to the Caribbean, Surinam and North America. The Hindi segment has been observed at 2150 - 2215. (BBC-WMS Mar 22, 1984).

Radio Netherlands International has also announced that the frequency of 11735 kHz, in use for its 1430 - 1520 broadcast in English to South and S.E. Asia has been changed to 11740 kHz. (BBC-WMS Mar 22, 1984).

Netherlands The external service of Radio Netherlands International has recently released their latest schedule. As it is quite lengthy, I will simply report the English language portions. Radio Netherlands uses transmitters in Lopik (the Netherlands), and relay stations in Bonaire and Madagascar. Frequencies from these stations are noted with an l, b, or m respectively. The "Happy Station" program is carried on the Sunday English language programs:

0230-0325 North America (east)	b9590, b6165, 19895
0530-0625 North America (west)	b9590, b6165, 19895
0700-0720 W. Africa, Europe, Asia and Mid. East	m21480, 115560, 111930 19895, 15955
0730-0825 Australia & N. Zealand	b9770, b9715
0830-0925 Australia & N. Zealand	b9715
0930-1020 Europe	115560, 111930, 19895, 16045, 15955
1330-1420 Europe	117605, 111935, 19895, 16020, 15955
1430-1520 Far East & South Asia	m21480, 117605, m11740
1830-1920 Europe, Central, East and South Africa	m11740, m/16020
2030-2120 Central & West Africa	b17605, m15220, m11740, m11730, m9715

New Caledonia Reported from New Zealand with American transcribed programs w/ announcements in French. Good signals on both 3355 and 7170 kHz at 1600 UTC. (Cushen - NZDX Feb/Mar 1984).

Nicaragua The Voice of Nicaragua external service announced on March 21st that beginning March 25th it would be broadcasting on a new frequency of 6100 kHz, with 11870 as an alternate channel. Monitoring observations on the 25th of March confirmed that the Voice of Nicaragua had switched from 5950 to 6100 kHz. It was observed on this channel from 1200 - 2010. An amendment to the Tentative High-Frequency Broadcasting Schedule published by the ITU's International Frequency Registration Board and dated January 24th shows that Nicaragua has registered the use of a 50 kW transmitter in Managua to beam programs on the above frequency from 0000-0600 and 1000-1300 to North, Central and South America. (BBC-WMS Mar 29 1984).

Norway For the M84 shedule period, Norway has deleted entirely all operations in the 41 meter band (Bob Padula via ADX - March 1984).

The external service of Radio Norway International has the following programs in English (per the BBC-WMS Mar 15, 1984):

11870, 9590, 9565, 9525	0000 - 0300 "Norway Today" (Mondays only) beamed to Europe, South Asia, Pacific, Africa & the Americas.
11870, 9705, 9570, 9565	0400 - 0430 "Norway Today" (Mondays only) beamed to Mid. East, North America and E. Africa.
15165, 11865, 9565, 6015	0500 - 0530 "Norway Today" (Mondays only) beamed to Mid. East, North America, Africa and Europe.
17860, 17825, 15205, 9590	1000 - 1030 "Norway Today" (Sundays only) beamed to Far East, South Asia, Pacific and Europe.

25615, 15225, 15175, 9590 1300 - 1330 "Norway Today"
(Sundays only) beamed to Mid. East,
South Asia, Pacific Central and
North America.

17855, 17840, 15205, 9590 1400 - 1430 "Norway Today"
(Sundays only) beamed to Europe,
South Asia, Mid. East, Pacific North
America.

25615, 17800, 15205, 6015 1600 - 1630 "Norway Today"
(Sundays only) beamed to Europe,
Mid. East, Africa & North America.

21730, 15225, 15175, 9590 1700 - 1730 "Norway Today"
(Sundays only) beamed to Mid. East,
South America Africa and Europe.

15225, 15175, 9590 9525 1900 - 1930 "Norway Today"
(Sundays only) beamed to Far East,
Central America, Pacific and Europe.

15175, 11860, 9590, 9525 2000 - 2030 "Norway Today"
(Sundays only) beamed to South
America, Pacific and Europe.

15175, 9670, 9610, 6015 2200 - 2230 "Norway Today"
(Sundays only) beamed to W Europe,
South America and Pacific.

Saipan KFBS noted back on 15115 1045-1100 with power noted as
100 kW and requesting reports to P. O. Box 209, Saipan, CM
96950. Absence assumed due to transmitter problems (Warner-
Australia). Tentative schedule is 0900 - 1100 on 15115; 1100
- 1300 15150; 1300 - 1500 9575; 1500 - 1730 15110; 2100 -
2200 9505; and 2200 - 2400 15125. Announcements in English,
Korean, Japanese and Chinese followed by a few bars of a
hymn. (Arthur Cushen's SW Review NZDX Feb/Mar '84).

South Africa On March 21st, Radio RSA and the South African
Broadcasting Corporation (SABC) domestic service quoted the
SABC Director General as saying that it was essential that
the SABC make a definite contribution to countering the
"revolutionary onslaught" against South Africa. Addressing
students at Rand Afrikaans University in Johannesburg, he
said that SABC would go out of its way to provide this
service to the country and to ensure that the onslaught
failed to achieve any success. He said that African
countries such as Ethiopia, Zimbabwe, Angola, Tanzania,
Zambia, Madagascar, Ghana, Nigeria and Lesotho were
broadcasting to South Africa more than 64 hours per week.
The main intention of these broadcasts was "to promote the
Marxist ideology and rebellion in South Africa." The SABC
Director General added that, to appreciate the full extent of
the onslaught, broadcasts from the Soviet Union, Communist
China and other communist countries had to be added to the
list which should include some broadcasts from Western
countries which were not favorably disposed towards South
Africa. He said that Radio RSA, the external service of the
SABC, had been created to combat the onslaught over the
airwaves. Radio RSA was not an instrument of war over the
airwaves, but rather an instrument with which to promote good
will and understanding. (BEC-WMS Mar 29 1984).

Swaziland Trans World Radio (TWR) from Swaziland has the
following English language schedule (courtesy of BEC-WMS Mar
15, 1984):

9730, 5055	0430-0530	EE - Southern Africa
9730, 7295, 5055	0530-0600	EE - Southern Africa
9730, 7295	0600-0615	EE - Southern Africa
11760, 9730, 7295	0615-0700	EE - Southern Africa
11760, 7295	0700-0735	EE - Southern Africa
9635	1600-1700	EE - East & Central Africa
5055	1600-1700	EE - Southern Africa
4760	1700-2015	EE - Southern Africa
7295	1800-1845	EE - East Africa

Tunisia Tunisian Radio's shortwave frequency usage is currently observed as follows (BBC-WMS Mar 15, 1984):

11746, 9621, 7225	0430 - 0600
15226, 11731	0600 - 1600
15226, 11735, 7225	1600 - 2330

Turkey The Voice of Turkey has recently made some changes to its frequency usage. The listing below are the frequencies being used for the Turkish language service for Turks living abroad (BBC-WMS Mar 15, 1984):

11870, 17725	2300 - 0400
7225, 15130, 15435	0400 - 0900
15220	0400 - 1600
11955	1000 - 1500
9695	1600 - 2200
9655	2200 - 1600
9540	2300 - 0400

USA/Cuba On March 8th, the Cuban domestic radio station R. Liberacion reported details of a press conference given in Havana by the Secretary General of the Latin American Federation of Journalists (FLAP). The Secretary General stated that FLAP was in agreement with any measure that Cuba might take to counteract the effects of the planned "counterrevolutionary" radio station (known in this country as R. Marti) which is supposed to start next May. The FLAP organization (aptly named) plans to hold two conferences for the purpose of "mobilizing the forces of journalism to counter-attack the information axis controlled by imperialism in Latin America." (BBC-WMS Mar 15, 1984).

USA/Morocco The Soviet newspaper 'Pravda' reported in a March 3rd dispatch from Washington that an agreement has been signed between the USA and Morocco for the construction of a powerful new shortwave Voice of America relay station in Morocco. The article quotes a senior U.S. administration spokesman as saying that this is part and parcel of an extensive program for the Voice of America which is expected to cost one billion dollars over the next five years. Pravda, in its inimitable style, also noted that "at present Washington's chief propaganda mouthpiece has more than 110 transmitters poisoning the international airwaves for nearly 1,000 hours per week in 42 languages. By resorting to gross lies and misrepresentation of facts, the VOA disinformers are totally distorting the Soviet Union's peace-loving policy, attempting to justify the White House's aggressive, militarist course and sowing the seeds of distrust among peoples." (BBC-WMS Mar 15, 1984).

USSR As in previous years, since the late evening of March 31st, all Radio Moscow external service broadcasts beamed to North America have been heard one hour earlier than during the winter period. Broadcasts beamed to Europe have also generally been transmitted one hour earlier. A new feature this year is that broadcasts beamed to the Middle East area in Arabic, Persian and Turkish are now also broadcast one hour earlier. (Previously there had been no change in time). Broadcasts to South and South East Asia appear to have been rearranged and these changes will be reported in due course. Finally, external service transmissions to Latin America and Africa continue to be broadcast at the same time as during the winter periods. (BBC-WMS Apr 5 1984).

Venezuela Radio Nacional de Venezuela (Caracas) has the following schedule for their external services (BBC-WMS Apr 5 1984):

9540	0100-0200, 0300-0400	Spanish to
	1100-1200, 1400-1500	Central America
	1800-1900	and Caribbean

Vietnam The Voice of Vietnam reports on a recent survey of Vietnamese regional stations (Note: all frequencies subject to variation) [BBC-WMS Mar 15, 1984]:

Bac Thai	6815 kHz	0330 - 0530; 1130 - 1330
Cao Bang	6520	0400 - 0600; 1200 - 1430
Gia ai Kon Tum	4702	2300 - 2330; 0300 - 0430
		1030 - 1400
Ha Tuyen	4815	2330 - 0030; 1130 - 1400
Hoang Lien Song	6678, 5602	0000 - 0030; 0400 - 0500;
		1000 - 1030; 1145 - 1300
Lai Chau	6592	0400 - 0600; 1145 - 1300
Lang Son	6510	0300 - 0430; 1130 - 1330
Nghia Binh	5080	1130 - 1300
Phu Khanh	5140	1030 - 1230
Son La	6330	0300 - 0500; 1200 - 1400
Than Hoa	4885	2330 - 2400; 1030 - 1100

Zaire Radio France International reported that there had been two explosions in Kinshasa during the early afternoon of March 27th at the building of the Voice of Zaire (radio and television) and at the Posts and telecommunications office. Damage to the two buildings as reported to be quite severe. (BBC-WMS Apr 5 1984).

Zambia R. Zambia has expanded the language coverage of its general service from 0700 to 0800 to include Kaonde (Monday), Tonga (Tuesday), Lunda (Wednesday), Lozi (Thursday), and Luvale (Friday). (BBC-WMS Mar 29 1984).

U.S. Pirates

US Pirate KPRC on 6174 kHz on March 18 @ 0515 with talk show (Oliver - TX).

US Pirate Radio Free Insanity noted March 19 from 0236 to 0300* on 7415 kHz with usual Battle Creek address. (Norfolk). KQRP broadcasting from the to of Lonely Mountain in North America" heard March 31 from 0204 - 0222 on 6233 kHz with power of about 50 watts very poor reception. Excellent reception on April 1 0206-0233 same frequency. (Norfolk).

Unids

Unids March 25; 0034 - 0118* on 7410 kHz folk ballads (British or Scottish) with no announcements heard? Any ideas (Norfolk).

Clandestine

Clandestine - Angola Radio Nacional de Angola has recently been observed broadcasting on 4950 kHz. This frequency is normally used by "Voice of the Resistance of the Black Cockerel", a radio station hostile to the Angolan government and which supports the UNITA movement. Angola's domestic service and the "Voice of the Resistance ..." have been observed using 4950 kHz simultaneously at 0500 since early March. (BBC-WMS Mar 22 1984).

Clandes - "Voice of the Resistance of the Black Cockerel" which broadcast on behalf of the UNITA movement ar 0430 and 1730 on 4950 kHz announced on April 3rd that it would start broadcasting every day from 1200-1300 on 15180 kHz in addition to the above mentioned transmissions. (BBC-WMS Apr 5 1984).

Clandes - Iran On March 18th, a station announcing itself as "Radio Iran" was heard to be broadcasting around 1800 on 15555 kHz and 9027 kHz. These frequencies are normally used by the "Radio Homeland" ("Radio Vatan") anti-government station. At 1830, "Radio Iran" was observed to broadcast on its scheduled channels - 15650 kHz and 11640 kHz. (BBC-WMS Mar 22 1984)

Clandes - Iraq The "Voice of the Iraqi People" radio station is currently heard broadcasting in Kurdish and Arabic on 6952 kHz from approximately 1330 to 1430 instead of the previously noted 1600-1700. This radio station also describes itself as the voice of the Iraqi Communist Party. (BBC-WMS mar 29 '84).

Clandes - Mozambique "Voice of Mozambique National Resistance" This radio station, which broadcasts material hostile to the Mozambique Government of President Samora Machel, announced that whenever in the past it had to modify its programs or equipment, it had to stop broadcasting. This would be happening again, because a new type of transmitter was going to be installed which would effectively cover the entire national territory (i.e. Mozambique). Therefore, until the new equipment has been inaugurated, its broadcasts would cease. Programs would be on the air again as soon as possible, "broadcasting the news of the struggle which is spreading through the country and broadcasting our message of freedom". The above announcement was heard on 4772 kHz at 0400 on March 15th, at 0400 on d1700 on March 16th and again at 1700 on March 18th. However, on March 17th and 19th, the radio included a commentary urging Frelimo soldiers to defect. It made no mention of suspending broadcasts. (BBC-WMS Mar 22 1984).

Clandes - "Radio Truth" This radio station which is hostile to the Government of Zimbabwe continues to be heard broadcasting in English from 0430 to 0500 on 5105 kHz. On March 26th, "Radio Truth" broadcast a commentary entitled 'What Radio Truth Stands For'. It stated that the station first received international recognition in March 1983. This meant that it had truly arrived and had achieved what it had set out to do. Namely, to be recognized as a constructive opposition force and a danger to the Mugabe regime. According to the commentary, there were many misconceptions as to the origins and objectives of "Radio Truth".-- First of all, it was not a South African radio station and did not in any way participate in alleged destabilizing tactics for the South African Government. The second misconception was that the broadcasts were aimed at the Ndebele nation. This was quite incorrect, the radio said. "Radio Truth" was received almost equally well in Manicaland as well. As any opposition was slowly but steadily being eliminated in Zimbabwe, the commentary continued, "Radio Truth" in time would surely be the only voice left. Constructive criticism and the truth should be a healthy state of affairs in any country. If Zimbabweans were to be deprived of freedom of speech, movement and the press, the only way they could learn about their country would be via "Radio Truth." The radio said that it is staffed totally by Zimbabweans and that it is the "voice of democracy" and the "voice of all anti-ZANU-PF parties and peoples" in Zimbabwe. (BBC-WMS Mar 29 1984).

Clandes - South Africa "Radio Truth" - The South African news agency SAPA, in a dispatch from Harare on March 16th, reported that Zimbabwe Minister of Information, Posts and Telecommunications as saying that the broadcasts of "Radio Truth" (note: a radio station hostile to the government of Zimbabwe) were "not just propoganda but direct intervention into the affairs of a neighboring state." He said that "the South Africans broadcast a particular program targeted at a population group inside our country for the purpose of subverting it against the Government" and "this is abominable." Asked whether Zimbabwe could do the same against South Africa, the Minister said, "There is always a chance. but we are not going to do it because, in the first

place, Radio Truth has not been successful in subverting our population against us. Secondly, our integrity and principles do not permit us to intervene in such a crude manner in the affairs of other states, but we will continue to support liberation struggles in Southern Africa and in South Africa in particular through our domestic news service." The Minister added that the Government had not yet decided to jam the radio, but the matter was under consideration. (BBC-WMS Mar 22 1984)

Clandes - Sudan "Voice of the Sudanese Popular Revolution". This radio station, which is hostile to President Numayri and the Sudanese Government, resumed broadcasting on March 28th, having been absent from the airwaves since the beginning of January. It continues to use 17940 kHz from 1430 to 1700 (approximately). (BBC-WMS Apr 5 1984).

Clandes - Surinam "Radio Free Surinam" continues to be heard from 0100 to approximately 0135 on 6850 kHz (variable). Programs are hostile to the government of Surinam. The programs monitored have been in Dutch (March 29th) and Javanese (March 30th). (BBC-WMS Apr 5 1984).

Clandes - Vietnam "Vietnamese Resistance Radio" which carries material hostile to the Government of Vietnam continues to be heard on 7355 kHz at 0200, 0500, 0900, 1500 and 2200. The establishment of this radio was welcomed by a Vietnamese paper 'Hang Chien' [Resistance] published in Paris on February 1. (BBC-WMS Mar 29 1984).

Telly

FOR SALE: Drake R-4C with Sherwood-type modifications. Includes 6 kHz first IF filter, 4 kHz AM filter (total 16 poles), NB-4 noise blanker, 120-13 meter broadcast band crystals, 160, 30, and all of 10 meter AR bands, and an MS-4. Also manual and box. Price \$365.00. ALSO: Yaesu FRG-7 Gilfer Mod-1 (4 kHz) with battery pack and manual. Price \$205.00. Pick up only. John Tow, 5260 Baggett Drive, Pinson, AL 35126. Phone (205) 853-0927.

FOR SALE: AMECO PT-2 Preamplifier, coax connectors. Can be used with SWL receivers or amateur transceivers, \$20.00. Autek QF-1 active filter, \$15.00. E.O.C. indoor antenna booster and whip, \$12.50. Instructions included with preamp and active filter. Will sell all of above for \$40.00. I pay shipping in continental states. Gene Nix, 428A Prairieview Drive, Gillette, WY 82716. Phone (307) 682-2623.

NOTICE PLEASE: Log Report "A" has not arrived at the deadline date and since I cannot get in touch with Mike Nikolich we will have to go without it. Sorry for the inconvenience.

QSL REPORTS

Sam Barto, NASWA QSL Editor
47 Prospect Place
Bristol, CT.
USA 06010

Here is the Column that I promised you. Hope you enjoy the illustrations....Sam.



ALASKA: KNLS 6170 f/d ltr. in 12 ds. v/s Francis M. Perry (Muzyka-NY), f/d form ltr. in 22 ds. for ms. (Warner-AUST). same in 10 ds. for ms. (Cones-VA).

ALBANIA: Radio Tirana 6200 "Spirit" cd. in 3 1/2 mo. (Barto-CT).

ANGOLA: Radio Nacional 9535 f/d ltr. in 2 mo. on 3rd try for an EG rpt. v/s Miguel da C. Bras. (Field-MI).

ANGUILLA: Caribbean Beacon 1610 f/d cd. in 63 ds. (Gower-IL)...

Not exactly SWBC but we have included it in the past...Sam.

ANTARTICA (Argentine): LRA36 Radio Nacional Archangel San Gabriel 15476 f/d blue and white cd. in 67 ds. for a SP rpt. and ms. v/s Hector Luis Repetto, Mayor. (Fox-VA). same w/ ltr. in 43 ds. for an EG rpt. and 3 IRCs. v/s Carlos Alberto Gerardo Morrone, Jefe de la Plana Mayor. (Green-TN).

ANTIGUA: Deutsche Welle 6040 f/d "30th Anniversary" cd. in 77 ds. (D'Angelo-PA). 9545 f/d cd. in 21 ds. for 1 IRC. (Niekamp-MN). 11850 cd. in 97 ds. (Warner-AUST). BBC 11775 n/d cd. in 39 ds. (Simnacher-TX). 6175 p/d cd. in 15 ds. for 1 IRC. v/s James McKay, Station Manager. p/d ltr. rcvd. (Dye-AR).

ARGENTINA: RAE 11710 f/d "Logo" cd. w/ pennant in 7 wks. for 2 IRCs. (Wood-NY). same in 2 wks. w/ pennant. (Gray-MI). cd. in 28 ds. (Simnacher-TX).

15345 p/d ltr. w/ pennant in 15 ds. (Dye-AR). Radio Nacional 6060 n/d ltr. in 49 ds. for a SP rpt. and 1 IRC. v/s Sonia Rojas. (Niekamp-MN).

ARMENIAN SSR: Radio Moscow 15435 via Erevan f/d cd. in 5 wks. w/ schedule. (Plum-NJ).

ASIATIC RUSSIA: Radio Moscow 15100 via Khabarovsk f/d cd. in 47 ds. (Dillon-PA). 15180 via Komsomolsk-on-Amur cd. in 56 ds. (Purdum-MI). 15385 via Chita f/d cd.

in 40 ds. (Warner-AUST). 21530 via Irkutsk f/d cd. in 40 ds. (Warner). 15130 via Vladivostok f/d cd. in 40 ds. w/ site and schedule. (Warner-AUST).

AUSTRALIA: Radio Australia 5995 via Lyndhurst f/d "Woodchopping Competition" cd. in 28 ds. (Barto-CT). f/d "Seal" cd. in 25 ds. (Gurley-TX). 6045 via Lyndhurst f/d "Wattle Flower in Bloom" cd. in 35 ds. (Dillon-PA). 9580 f/d "Kingfisher" cd. in 18 ds. (English-TX). f/d cd. in 19 ds. for 2 IRCs. (Kacir-MI). 11720, 11790 and 6080 "David Gulpi11" cd. in 29 ds. (Barto-CT). 9770 f/d cd. in 29 ds. (Barto). VLR9 9680 via Lyndhurst f/d "Map" cd. in 7 1/2 mo. for 1 IRC. (Lare-MI). VLH9 9680 f/d cd. in 5 mo. for 2 IRCs. (Cobb-ME). VLM4 4920 via Bald Hills f/d cd. in 28 ds. for 2 IRCs. (Cassidy-IN). VLW6 6140 f/d cd. in 18 ds. (D'Angelo-PA). VJY 6840 (USB) f/d cd. from Henry Anderson (VK8HA) who says that this station is for outback listeners who cannot receive MW transmissions. QRA: Darwin. (Warner-AUST).

AUSTRIA: ORF 17770 f/d "Lovers" cd. in 43 ds. (Warner). 11755 f/d "Studio" cd. in 63 ds. for a SP rpt. (Barrera-ARG). 9770 f/d cd. w/ sticker in 120 ds. (Bruckner-NJ). 5945 f/d "Rondez Vous" cd. in 98 ds. w/ sticker. (Blanchette-FL). cd. in 51 ds. (Gray-MI). f/d "Transmitter Site" cd. in 60 ds. (Gurley-TX).

AZERBAIJAN SSR: Radio Baku 4785 small white paper cd. in 8 mo. (Barto-CT).

BELIZE: Radio Belize 3285 f/d "Map" cd. in 26 ds. for 2 IRCs. (Cass-BENIN). ORTB Parakou 5025 n/d cd. in 3 mo. for a FR rpt. idy). and 2 IRCs. (Fisher-ALB). ORTB 4870 f/d "Logo/Map" cd. in 44 ds. for a taped rpt. and ms. (Wood-NY).

BOLIVIA: Radio Nacional Cochabamba 5974 f/d cd. in 46 ds. for a SP rpt. v/s Rogildo Fontenelle Arago, Bolivian DX Club. Sticker rcvd. from DX Club. (Barto-CT).

BONAIRE: TWR 9555 cd. in 45 ds. for ms. (Merrill-ME). 11815 f/d "Studio" cd. in 51 ds. w/ pennant (Barto-CT).



XAPURI - ESTADO DO ACRE - BRASIL

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LA VEZ DE LA AMAZONIA ECUATORIANA

PUYO ECUADOR

RADIO PASTAZA

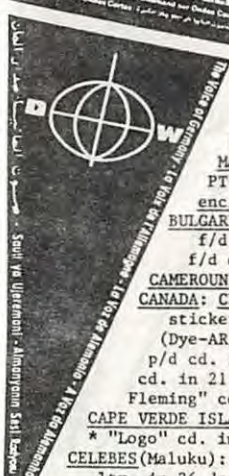
QSL ADDRESS BOOK: The 4th Edition of Gerry L. Dexter's QSL Address Book is now on the market. Orders are being handled by Gilfer Associates, Inc., P.O. Box 239, 52 Park Avenue, Park Ridge, N.J. 07656. This edition is very informative and as up-to-date as possible. It comes highly recommended...Sam.

BONAIRE: Radio Nederland 9715 f/d "Three Personage" cd. in 19 ds. (Warner-AUST).

BORNEO(Kalimantan): RRI Palangkaraya 3325 IN * ltr. in 29 ds. for ms. v/s Djoko Suryanto. Addr: Jalan M.H. Thamrin No.1(Fisher-ALB).

BRASIL: Radio Nacional do Brasil 15290 f/d cd. in 22 ds. w/ sticker. (Simmacher-TX). same in 23 ds. v/s Denise Uchoa. (Blanchette-FL). cd. w/ sticker in 32 ds. for ms. (Merrill-ME). f/d "Fortaleza" cd. in 28 ds. (Forsgren-WI). * cd. in 3 wks. (Field-MI). Radio Assuncao 3315 f/d cd. w/ personal ltr. in 2 mo. for a PT rpt. (Field-MI).

RADIO DEUTSCHE WELLE
 German Shortwave Service, Special Announcement and Order Card
 German Shortwave Service, Special Announcement and Order Card
 German Shortwave Service, Special Announcement and Order Card



do Para 5045 p/d cd. in 668 ds. for a PT rpt. and ms. (George-NC). Radio Aparecida 9635 f/d "Studio" cd. in 56 ds. for a PT rpt. and 1 IRC (Wilkins-CO). Radio Rio Mar 9695 p/d cd. in 36 ds. for a PT rpt. and ms. (Forth-IL). Radio Inconfidencia 6000 n/d cd. in 43 ds. for a PT rpt. and ms. v/s Marcia Gerken.

BULGARIA: Radio Sofia 15135 f/d "Pamporovo" cd. in 66 ds. (Cones-VA). 11750 f/d "Mausoleum" cd. in 5 mo. (Gurley-TX). 9665 f/d cd. in 82 ds. (Gray-MI) (Lazarus-LA). **CAMEROON:** Radio Douala 4795 f/d "Map" cd. in 5 mo. for a FR rpt. and 2 IRCs.

CANADA: CFRX 6070 f/d cd. in 18 ds. for ms. (Forsgren-WI). f/d "Skyline" cd. w/ sticker in 69 ds. for ms. v/s Clive Eastwood. (Dye-AR). cd. in 1 mo. (Merrill-ME). CFXC 6005 p/d cd. in 52 ds. w/ stickers for ms. (Foxy-VA). cd. in 21 ds. (Merrill-ME). CHU 3330 f/d "Sanford Fleming" cd. in 64 ds. w/ info. package. (Talbot).

CAPE VERDE ISLANDS: A Voz de Sao Vicente 3931 f/d * "Logo" cd. in 32 ds. for a PT rpt. and 2 IRCs. **CELEBES**(Maluku): RRI Ternate 3345 p/d (Cones-VA). ltr. in 36 ds. for an IN rpt. v/s Rusdy Bachmid. (Barto-CT). p/d form ltr. in 67 ds. for a taped rpt. and ms. (Sgrulletta-NY).

CHAD: Radio Mondou 5286 p/d ltr. in 6 wks. for a FR/EG rpt. v/s Dorong Guela Ketchoua. (Wilkner-FL).

CHILE: Radio Minería 9750 n/d cd. in 2 mo. for a SP rpt. and * 1 IRC. (Gliksman-IL). cd. in 23 ds. for a SP rpt. (Rigas-IL)

CHINA, PEOPLES REP: Radio Beijing 11650 f/d cd. w/ pennant in 49 ds. (Merrill-ME). f/d "Tientan Park" cd. w/ pennant in 29 ds. (Simmacher-TX). 14610 f/d cd. w/ stickers in 17 ds. (Dye-AR). 11945 cd. w/ pennant in 1 mo. for 1 IRC. (Freeborn-ND). 11860 f/d cd. w/ pennant in 21 ds. (Lask-CLANDESTINE: Radio Vatan 15555 n/d "Flag/owski-IN). * Antenna" cd. in 115 ds. via FRG. (Stephany-NY).

* Radio Frie Sranan 6850 f/d ltr. w/ poster in 7 wks. for 2 IRCs. * v/s M. Nasrullah. (Swaringen-NC). Radio Farabundo Marti 6930 n/d form ltr. in 1 mo. for a SP rpt. (Field-MI).

COLOMBIA: Radio Macarena 5975 f/d cd. w/ ltr. and stickers in 32 ds. for a SP rpt. and ms. v/s Enrique Zambrano Nieto, Gerente. (Forth-IL). same w/ stickers in 18 ds. for a SP rpt. and ms. (Foxy-VA). in 2½ mo. w/ decal. (Huniwell-NJ). f/d cd. w/ ltr. in 37 ds. for a SP rpt. Sticker/decal rcvd. (Barto-CT).



NOTE: For those of you who received the report forms and translations, please let me have your comments, suggestions and improvements...Sam.

COLOMBIA: La Voz del Yopal 5050 p/d ltr. in 7 mo. for a SP

* rpt. and 1 IRC. v/s Marco A. Perez. (Valco-PA).

La Voz del Huila 6150 f/d cd. in 14 mo. on my 14th try! for a SP rpt. v/s Luis F. Navarro. who also works for Radio Colosal!

(Field-MI). Emisora Armonias del Caqueta 4915 p/d "Logo" cd.

in 95 ds. for a SP rpt. and 1 IRC. v/s Padre Alvaro Serna Alzate. (Cones-VA).

COSTA RICA: Radio Columbia

4825 f/d cd. in 89 ds. for a SP rpt. and 1 IRC. (Dillon-PA).

cd. in 18 ds. v/s Rossy Cordero Salazar. (Forth-IL). cd. in 1 mo.

for 2 IRCs. (Wootten-VA). cd. in 4½

mo. after a f/up rpt. (Berg-MA). cd. in

120 ds. for 1 IRC. (Rigas-IL). p/d cd. in

135 ds. (Plum-NJ). same in 13 ds. for a SP

rpt. and ms. (Wilkins-CO). in 4 mo. for 2 IRCs.

(Lobdell-MA). same in 4 mo. for ms. (Lazarus-LA).

in 35 ds. for a SP rpt. (Barto-CT). TIFC 5055 f/d

"Logo" cd. in 395 ds. w/ sticker. (Reinstein-FL). same

in 47 ds. w/ pennant for an EG rpt. and 2 IRCs. (name?)

in 315 ds. w/ sticker for 2 IRCs. (Cones-VA). in 82 ds. w/

pennant for 2 IRCs. (Cobb-ME). in 80 ds. for 3 IRCs. (Green).

CYPRUS: CRC 7130 f/d cd. in 85 ds. for 2 IRCs. (Cobb-ME). 6030 cd.

in 106 ds. (Stephany-NY). BEC 6180 n/d ltr. direct in 28 ds.

CZECHOSLOVAKIA: Radio Prague 7345 f/d "Wallachian Air (Cones-VA).

Museum" cd. in 22 ds. (Warner-AUST). same in 78 ds. (Oborny-NM). 6055

same cd. in 21 ds. (Merrill-ME). 11990 cd. in 125 ds. (Talbot-ALB).

5930 f/d cd. in 58 ds. (Bruckner-NJ). cd. in 53 ds. (Kacir-MI). 15110 f/d

"Dress" cd. in 1 mo. (Hazeltine-WA). OMA 3170 and 2500 p/d cd. in 35 ds.

for 2 IRCs. (Cobb-ME).

DENMARK: Radio Denmark 15165 f/d cd. in 18 ds. (Levison)

DOMINICAN REPUBLIC: Radio Earth International

11700 via Radio Clarin p/d cd. in 84

ds. for 2 IRCs. (Purdum-MI). same in 177 ds.

* for ms. (Foxx-VA). Radio Norte 4807 f/d ltr.

w/ cd. in 3 wks. for a 1975 reception for a

SP rpt. v/s Hector Rafael Castillo. (Field).

ECUADOR: HCJE 15295 f/d cd. in 14 ds. for 2 IRCs.

(Forsgren-WI). 6095 and 9745 f/d cds. in 17 ds.

for ms. (Wilkins-CO). 6095 f/d "Communications"

cd. in 55 ds. (Choroszy-ME). 26020 f/d cd. in 30

ds. (Cobb-ME). 6130 f/d "Salasaca Indians" cd. in

22 ds. (Warner-AUST). Radio Luz y Vida 4851 n/d cd.

w/ personal ltr. in 25 ds. for a SP rpt. v/s Yolanda

Celi A. (Warner-AUST). CRE-Radiodifusora del Ecuador

4656 p/d ltr. w/ pennant in 61 ds. for a SP

rpt. (Barto-CT). Radio Quito 4920 n/d folder cd. in

90 ds. for an EG rpt. and ms. v/s Alfonso Laso. (Choroszy-ME).

* Sistema de Emisoras Atalaya 4792 p/d cd.

* in 46 ds. for a SP rpt. (Barto-CT). Radio Baha'i 4990

f/d cds. w/ ltr. in 83 ds. for a SP rpt. and ms. v/s

Marcelo Quinteros M., Gerente Ejecutivo. Poster revd.

(Reinstein-FL). HD2IOA 7600 f/d orange "Sundial" cd.

* in 5½ mo. for a SP rpt. and ms. (Huntwell-NJ). Radio

Splendit 5025 p/d ltr. in 58 ds. for a SP rpt. and

ms. v/s Nancy Cardoso, Secretaria. (Wilkins-CO).

EGYPT: Radio Cairo 9475 f/d cd. in 71 ds. (Dillon-PA).

12000 f/d cd. in 72 ds. (Talbot-ALB).

ENGLAND: BBC 6120 n/d cd. in 24 ds. (Cassidy-IN).

ESTONIAN SSR: Radio Tallin 5925 f/d "Toompea" cd. in

* 144 ds. V/C #185. (Buer-FL).

EUROPEAN RUSSIA: Radio Moscow 9760 via Armavir f/d cd. in 67

ds. (Dillon-PA). 7185 via Sverdlovsk cd. in 120 ds. (Rigas).

Die Stimmeder Deutschen Demokratischen Republik



ZP 7 ZPA 7

Radio



Asuncion

P
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RADIO
EL SOL

900 Kc AM

5970 Kc SW

15180 Kc SW

90.1 Mc FM

LIMA PERU
1950

FALKLAND ISLANDS: FIBS 3958 f/d cd. in 131 ds. for 3 IRCs.

* v/s A.R. Davies, Broadcasting Secretary.

(Tutak-NJ). 2380 f/d cd. in 27 ds.

for a taped rpt. and ms. (Sgrulletta-NY). in 59 ds. for 2 IRCs. (Cones-VA).

FEDERAL REP. OF GERMANY: Radio Liberty

7190 and 17895 via Biblis p/d ltr. in

2 wks. (Barto-CT). 5985 via Lampertheim

p/d ltr. in 14 ds. (Barto). 17750 and

21510 via Holzkirchen p/d ltr. in 2 wks.

(Barto-CT). RFE 3990, 7190 and 5970 via Biblis

ltr. in 2 wks. (Barto). RFE 5985, 17750 and 9705

cds. in 14 ds. (Barto). Bayerischer Rundfunk 6085

f/d cd. in 60 ds. (Rigas-IL). "Antenna" cd. in 87 ds. for 1 IRC.

(Stephany-NY). same in 46 ds. for a GM rpt. and 2 IRCs. (Cassidy

Suddeutscher Rundfunk 6030 f/d cd. in 44 ds. for a GM rpt. and 2

IRCs. (Cassidy-IN). same in 43 ds. for 1 IRC. (Cones-VA). Deutsche

Welle 15275 via Wertachtal f/d cd. in 22 ds. (Barto-CT). 15150 f/d

cd. in 28 ds. (Cones-VA). 6145 cd. in 37 ds. (Merrill-ME). 6085 f/d cd.

in 47 ds. (Foxx-VA). 21560, 9545 and 17875 f/d cds. in 22 ds. (Barto-CT)

SFB 6190 via Radio Bremen f/d "Logo" cd. in 19 ds. for a taped rpt. &

2 IRCs. (Sgrulletta-NY). same in 34 ds. for 2 IRCs. (Forth-IL).

FINLAND: Radio Finland 17800 "Architecture" cd. in 42 ds. (Merrill-ME).

FRANCE: RFI 17620 f/d cd. w/ pennant in 6 wks. (Fodge-IA). 6085 f/d cd. in 3

mo. for a SP rpt. (Moore-HOND). 15315 cd. w/ pennant in 6 wks. (Hazelitine).

GERMAN DEM. REP: RBI 21465 f/d "Karl Marx Stadt" cd. in 29 ds. (Barto-CT) f/d

"Rathaus" cd. in 41 ds. w/ sticker (Dye-AR). 11700 "Berlin" cd. in 29 ds.

(Barto-CT). "Dresden" cd. w/ sticker in 29 ds. (Barto). 15100 f/d "Halle" cd

in 29 ds. (Barto). 9620 f/d cd. in 46 ds. (Cones-VA). f/d "Childrens" cd. in

48 ds. (Gaffin-NY). 21540 "Hotel Gera" cd. in 34 ds. (Barto-CT). 7300 f/d "Her-

nigerode" cd. in 3 wks. v/s Jurgen Maintz, PT. Service. (Barto-CT). Y3S Nauen

n/d folder cd. in 4 mo. (Fisher-ALB). (Dillon-PA).

GEORGIAN SSR: Radio Moscow 15305 via Tbilisi f/d "Kalinin Prospekt" cd. in 53 ds.

GREECE: Voice of Greece 11645 f/d "Santorini Island" cd. in 46 ds. (Barto-CT). 9420

f/d "Poros Island" cd. in 62 ds. (Dye-AR). 15050 f/d "Athens" cd. in 1 yr. (Choro-

szy-ME). VOA 6015 via Kavala f/d cd. in 19 ds. (Purdum-MI).

GREENLAND: Grønlands Radio 3999 f/d "Winter Scene" folder cd. in 27 ds. for a taped

* rpt. and 2 IRCs. v/s T.S. Mikkelsen. (Sgrulletta-NY). p/d cd. in 72 ds. (Lare-MI).

GUAM: TWR 9510 f/d "Plumeria Flower" cd. in 21 ds. v/s T. Tewell. (Dye-AR).

GUATEMALA: AWR TGMUB 6090 f/d prepared cd. in 49 ds. for an EG rpt, tape and 2 IRCs.

v/s William Colindres (Sgrulletta-NY). same in 71 ds. w/ calendar. (D'Angelo-PA). in

34 ds. for a SP rpt. and ms. (Stephany-NY). f/d

cd. w/ personal ltr. in 5 mo. (Field-MI). same in

24 ds. for 2 IRCs. (Forth-IL). La Voz de Nahuala

3360 f/d cd. w/ ltr. in 27 ds. for a SP rpt. and

ms. v/s Juan Fidel Leppe Juarez. (Forth-IL).

GUYANA: GBC Channel 2 5950 f/d ltr. in 33 ds. for 3

IRCs. v/s Florence Andrews. (Paszkevicz-WI).

HAWAII: WWVH 5000 n/d cd. in 15 ds. (Foxx-VA). p/d

cd. in 23 ds. (Talbot-ALB).

HOLLAND: Radio Nederland 9895 f/d cd. in 36 ds. on

test transmission. (Blanchette-FL). same in 20 ds

for test. (Gurley-TX).

HONDURAS: Radio Luz y Vida HRCF 3250 f/d ltr. in 50

ds. for a SP rpt. v/s Donald Moore. (Barto-CT).

same in 5 wks. (Valko-PA). ltr. in 70 ds. for a

SP rpt. and 1 IRC. (Forsgren-WI). same in 57 ds.

for ms. (Forth-IL). f/d form ltr. in 45 ds. for

an EG rpt. and 2 IRCs. Pennant rcvd. (Cassidy-IN)

ltr. in 84 ds. for ms. (Stephany-NY). HRVC 4820

p/d "Logo" cd. in 25 ds. for an EG rpt. and

ms. (Forsgren-WI). cd. in 33 ds. (Merr-

ill-ME). La Voz de Mosquitia

4910 p/d ltr. in 21 ds.

for ms. via Tupelo,

MS. (Rigas-IL).



Radio GUATAPURI
TODELAR
 ONDA LARGA
 740 KILOCICLOS
 BANDA
 DIFERENCIAL
30 KWS
 ONDA CORTA
 4815 KILOCICLOS
 1000 WATIOS
 FRECUENCIA
 MODULADA
 97.5
 MEGACICLOS
 VALLEUPUR
 P.O. BOX 100
 GUATAPURI

EMBAJADOS DE TAL MODO
 A CONTAR NUESTROS DIAS:
 Salmo: 90:12

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31					

HOY LA VOZ HONDURACA
 DE HONDURAS LE BRINDA
 PAZ, PROSPERIDAD Y SALUD EN ESTA
 FERIA Y EN EL AÑO NUEVO 1983

ONDA MEDIA
 1500 KHZ
 ONDA CORTA
 4.8 MHz

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31					

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HUNGARY: Radio Budapest 9835 f/d cd. in 46 ds. (Barto-CT).

JAPAN: FEN 3910 p/d "Logo" cd. in 35 ds. (Barto-CT). Radio Japan 15300 f/d "Mt. Fuji" cd. in 1 mo. for 1 IRC. (Freeborn-ND), same in 38 ds. (Kacir-MI). NSB Radio Tampa 6055 f/d "Superwave QSL" cd. in 49 ds. (Warner-AUST)... Sorry folks. I just reinvented the alphabet. The I's are next... Sam.

INDIA: AIR 15320 f/d "Pushkar Fair" cd. in 66 ds. v/s B.R. Chalapatu. (Barrera-ARG). 11620 f/d cd. in 42 ds. for 1 * IRC. (Talbot-ALB). 4800 via Hyderabad f/d cd. in 61 ds. (Barto-CT). Radio Dublin 6910 f/d "Logo" cd. in 87 ds. w/ station information. (Laskowski-IN).

ISRAEL: IBA 9815 f/d cd. in 38 ds. (Kacir-MI).

ITALY: RAI 9575 f/d "Felice Casorati" cd. in 4 mo. (Moore-HOND) f/d

"Carlo Carra" cd. in 192 ds. (Dillon-PA).

* Radio Time 6275 f/d blue "Logo" cd. in 1 yr. and 9 wks. 500 watts, v/s Mannelli Stefano. Addr: Via Q. Sella 17, 50136 Firenze. (Valko-PA). same in 67 ds. (Barto-CT).

KENYA: Voice of Kenya 4934 f/d personal ltr. in 28 ds. for 2 IRCs. v/s E.K. Tiampati. (Cones).

KIRGHIZ SSR: Radio Moscow 11820 via Frunze f/d cd. in 45 ds. (Konen-WI).

KOREA, REPUBLIC OF: Radio Korea 9750 f/d cd. w/ pennant in 15 ds. for 1 IRC. (Green-TN). 15575 f/d cd. w/ pennant in 2 wks. (Forsgren-WI). 5975 via Suweon f/d "Winter" cd. in 12 ds. (Warner-AUST).

KUWAIT: Radio Kuwait 11675 f/d folder cd. in 35 ds. for 2 IRCs. (Jones-OH). same in 40 ds. (Merrill-ME). 15495 cd. w/ sticker in 32 ds. for AR rpt. (Dillon-PA).

LAOS: Radio Nationale Laos n/d ltr. in 7 mo. for a FR rpt. * v/s Samsanouk Mixay. (Wilkins-FL).

LEBANON: Voice of Hope 6215 f/d "Antenna" cd. w/ sticker in 11 ds. (D'Angelo-PA). f/d "Logo" cd. w/ sticker in 2 wks. (Muzyka-NY). same in 7 ds. via CA. addr. (Laskowski-IN).

LESOTHO: BBC 9515 n/d "Bridge" cd. in 19 ds. (Wilkins-CO). same * in 48 ds. (D'Angelo-PA). LNBS 4800 f/d "Flag" cd. in 605 ds. for 2 IRCs. (George-NC). same in 19 mo. for 2 IRCs. (Cobb-ME).

LIBERIA: ELBC 3255 f/d "Sound of Progress" cd. in 28 ds. for ms. (Forsgren-WI). United Nations Radio 9715 via Monrovia f/d "Logo" cd. in 7 ds. (Stephany-NY).

LIBYA: Radio Jamahiriya 11815 f/d "Rainbow" cd. in 324 ds. w/ Green Book. (Reinstein-FL). same in 18 mo. (Swaringen-NC). in 59 ds. w/ book (Laskowski-IN). 11816 cd. in 1 mo. (Smith). f/d "Logo" cd. via Malta in 61 ds. for a taped rpt. and 2 IRCs. (Barrera-ARG).

LITHUANIAN SSR: Radio Vilnius 17870 folder cd. in 15 mo. for 3 IRCs. v/s J. Lukosevicius, Editor. (Jones-OH) 17900 f/d cd. in 74 ds. (Stephany-NY).

LUXEMBOURG: Radio Luxembourg 6090 "Staff" cd. in 20 ds. (Gurley-TX). same in 47 ds. w/ photo. (Gray-MI).

MALAYSIA: Voice of Malaysia 15295 f/d cd. in 75 ds. for 2 IRCs. (Cobb-ME)

MORE QSLs TO FOLLOW!!



La Voz de El Tigre
980 - 3.255-kc.
El Tigre Edo. Anyoalegui
VENEZUELA

NOTE: Your editor would like to contact any individuals with extensive collections of station pennants, those from medium wave stations or those who have older or rare pennants. Please write me as soon as possible and describe what you have...Sam.

- MALTA:** Radio Mediterraneo 6110 f/d "Map" cd. in 109 ds. for a taped rpt. and 2 IRCs. Sticker rcvd. (Kacir-MI). f/d cd. w/ sticker in 66 ds. (Paszkiwicz-WI). IBRA Radio 6140 via Radio Mediterraneo f/d "Toronto Tower" cd. in 78 ds. w/ pennant for 2 IRCs. (Cassidy-IN). Deutsche Welle 9590 f/d cd. in 78 ds. (Dillon-PA). 9565 f/d cd. in 47 ds. (Foxx-VA). International Christian Radio 6185 f/d cd. in 45 ds. (Jones).
- MEXICO:** Radio Universidad de Sonora 6115 f/d prepared cd. in 10 mo. for a SP rpt. and ms. v/s Armando Moreno Gil. (Lazarus-LA).
- MONACO:** TWR 7160 f/d "Studio" cd. in 60 ds. for 2 IRCs. (Gurley-TX).
- NAMIBIA:** Radio SWA 3295 f/d cd. in 25 ds. w/ pennant. for 2 IRCs. (Swaringen-NC). cd. in 23 ds. for 2 IRCs. (D'Angelo-PA). f/d "Aloe Dichtoma" cd. in 63 ds. (Laskowski-IN).
- NEWFOUNDLAND:** CKZN 6160 f/d "Map/Logo" cd. in 34 ds. w/ sticker. v/s D. Uttaro. (Cones-VA). folder cd. w/ personal ltr. in 25 ds. for ms. (Jones-OH). same in 1 mo. for ms. (Forsgren-WI). in 26 ds. w/ sticker (Dillon-PA). in 76 ds. w/ sticker for ms. (Talbot-ALB). cd. in 19 ds. (Merrill).
- NEW GUINEA TERRITORY:** Radio East Sepik 3335 f/d ltr. in 36 ds. for ms. v/s Paul Kafafi, Assistant Station Manager. (Lare-MI).
- NEW ZEALAND:** Radio New Zealand 11960 f/d cd. in 18 ds. for 4 IRCs. (Jones-OH). f/d cd. w/ pennant in 16 ds. for 3 IRCs. xmttr at Titahi Bay. (Dye-AR).
- NICARAGUA:** La Voz de Nicaragua 5950 f/d ltr. w/ sticker and pennant in 187 ds. (Talbot-ALB). f/d ltr. in 306 ds. w/ pennant for an EG rpt. v/s Rodolfo Garcia G., (D'Angelo-PA). Radio Zinica prepared cd. in 27 mo. after 7 f/up rpts. in SP v/s Arturo J. Valdez R. (Berg-MA). f/d prepared cd. in 24 ds. for a SP rpt.
- NIGERIA:** Oyo State Broadcasting Service 6050 via Ibadan p/d ltr. in (Wilknor-FL) * 40 ds. v/s M.A. Ganiyu, Technical Services. (Barto-CT). Voice of Nigeria 11770 f/d "Murtala Airport" cd. in 1 yr. for 2 IRCs. (Talbot-ALB). Plateau Broadcasting Co. 5965 via Jos f/d ltr. in 36 ds. v/s F.O.N. Dike. (Laskowski-IN). FRCN 4770 via Kaduna f/d ltr. in 51 ds. for 2 IRCs. v/s Yusef Garba, Chief Engineer. (Tutak-NJ). FRCN Educational Service 4932 n/d ltr. in 47 ds. v/s K.C. Okafor. (Cones-VA). ltr. from Dipo Ayeni, General Manager. Addr is Ibadan (not necessarily xmttr site) (Berg-MA).
- NORWAY:** Radio Norway 17710 f/d "Agder Costume" cd. in 24 ds. (Cones-VA).
- OMAN:** BBC 15310 n/d cd. in 7 wks. (Swaringen-NC).
- PAKISTAN:** Radio Pakistan 5005 f/d ltr. w/ site as Karachi (?) * in 55 ds. (Barto-CT). 4878.8 via Quetta f/d personal ltr. in 24 ds. v/s Yar Mohammad Khatty, Engineering Manager. (Reinstein-FL). 5006 via Rawalpindi w/ same data as Quetta. (Reinstein-FL).
- PAPUA NEW GUINEA:** Radio Morobe 3220 p/d personal ltr. in 3 mo. v/s J. Isako, Regional Manager. (Fisher-ALB). Radio Eastern Highlands 3395 personal ltr. in 1 mo. for 2 IRCs. v/s K. Nige, Technician. (Fisher-ALB). Radio Western 3305 p/d ltr. in 33 ds. for 2 IRCs. v/s Taku Bani, Assistant Manager. (Fisher-ALB). Radio Madang 3260 p/d ltr. in 33 ds. v/s K.L. Troup, Manager. (Barto-CT). P2K4 4890 NBC f/d "Map" cd. in 29 ds. for 3 IRCs. (Fye-FL). same in 44 ds. for 2 IRC v/s Thomas Aiyee. (Dillaman-OH). Radio West Sepik 3205 p/d ltr. in @ 1 mo. v/s Raka Saini, Manager. (Barto-CT)...Can someone send ye editor a comprehensive listing of stations in PNG and in the NC Territory????
- PARAGUAY:** Radio Nacional 9735 p/d form ltr. in 26 ds. for a SP rpt. v/s Carlos Montaner. (Dillon-PA). same in 21 ds. for a SP rpt. and 1 IRC. (Nie-kamp-MN). ltr. via registered mail in 42 ds. for a SP rpt. and ms. (Forsgren-WI).
- PERU:** Radio Nor Peruana 9655 p/d form ltr. in 1 mo. for a SP * rpt. and 1 IRC. v/s Augusto Roca Garcia. (Gliksman-IL). f/d prepared cd. w/ personal ltr. in 29 ds. for a SP rpt. and SASE. (Warner-AUST). n/d form ltr. in 82 ds. for a SP rpt. and a tape ADDR: Jr. Octavio Ortiz Arrieta 612. (Wilkins-CO)...More to follow!



PERU: Radio del Pacifico 9675 p/d ltr. in 28 ds. for a SP rpt. and ms. v/s J. Petronio Allauca. (Stephany-NY). f/d ltr. in 28 ds. for a SP rpt. and ms. (Wilkins-CO). Radio Union 6115 p/d "Machu Picchu" cd. in 36 ds. for a SP rpt. v/s Roberto Adrianzen Huaman, Gerente General. (Warner-AUST). same cd. in 2 mo. for a SP rpt. (Fisher-ALB). Radio Tropical 4935 n/d cd. in 8 mo. for a SP rpt. v/s Juan Pablo Mori. Station requires IRCs. (Fisher-ALB). Radio Moyobamba 5015 f/d cd. in 2 wks. on 7th try for a SP rpt. v/s Cesar Arevalo Seyas, Gerente.

* (Field-MI). Radio Loreto 5050 f/d cd. w/ ltr. in 2 wks. on my 14th try for a SP rpt. v/s Nelly Varela de V., Secretary. (Field-MI). Radio Los Andes 5030 f/d cd. w/ personal ltr. in 69 ds. for a SP rpt. and 1 IRC. v/s Pablo J. Cardenas Valverde, Director/Gerente. (Rigas-IL). f/d cd. in 4 mo. for a SP rpt. (Huniwell-NJ). f/d cd. w/ ltr. in 29 ds. for a SP rpt. and ms. (Forth-IL). Radio Madre de Dios 4950 p/d ltr. in 34 ds. for a SP rpt. and ms. v/s Frco. Javier Aniz. (Forth-IL). p/d ltr. in 6 mo. on 3rd try. (Moore-HOND). Radio Huanta 2000 4745 p/d ltr.

* in 40 ds. for a SP rpt. (Barrera-ARG). Radio Imagen 5035 prepared cd. w/ ltr. and photo for a SP rpt. in 11 mo. after 2 f/up rpt. v/s Victor Daniel Coral Perez, Gerente General. Also ltr. from Secretaria Carmen R. Garcia Arevalo, who is interested in corresponding with listeners on art, culture, etc. (Berg-MA).

PHILIPPINES: AFRTS 15305 via Poro f/d cd. in 24 ds. (Talbot-ALB). VOA 26000 via Poro f/d cd. in 18 ds. (Jones-OH). 9760 f/d "D.C." cd. in 2 wks. (name?)

POLAND: Radio Polonia 9525 and 7270 f/d "Ethnic Doll" folder cd. in 4 mo. w/ schedule. (Choroszy-ME).

PORTUGAL: Radio Liberty 21665 via Gloria p/d ltr. in 2 wks. (Barto) 21745 and 25690 p/d "Map" cds. in 14 ds. (Barto-CT). Radio Portugal 6075 f/d "Zoo" cd. in 36 ds. (Gray-MI). 6060 f/d cd. in 21 ds. (Merrill-ME). Radio Renascenca 9680 f/d cd. in 26 ds. for a PT rpt. (Barto-CT). IBRA Radio 9670 via Radio Trans Europa Sines f/d cd w/ pennant in 3 wks. for 2 IRCs. (Hosmer-MI). RFE 17805, 15145, 11935, 21665 and 25665 via Gloria p/d ltr. in 2 wks. v/s Shirley Sandler. (Barto-CT).

RWANDA: Deutsche Welle 21600 f/d cd. w/ sticker in 21 ds. (D'Angelo-PA). 15270 f/d "30th Anniversary" cd. in 54 ds. (Laskowski-IN).

SABAH: Radio Malaysia Sabah 4970 p/d "Map" cd. w/ ltr. in 48 ds. for 2 IRCs. (Fisher-ALB).

SAPAN: KYOI 11900 f/d "Bird" cd. in 15 ds. v/s Jose U. Igisaiar. (Dye-AR). same in 40 ds. for ms. (Gurley-TX). 11900 and 9670 f/d cd. in 1 mo. v/s Mark Grizzard. (Field-MI). 11960 * cd. in 210 ds. (Cassidy-IN). KFBS 15125 "Logo" cd. in 5 wks. w/ sticker. (Valko-PA). same in 1 mo. w/ postcard. (Hazeltine-WA).

SAO TOME E PRINCIPE: Radio Nacional da Sao Tome e Principe 4807 f/d form ltr. in 37 ds. for a PT rpt. and 3 IRCs. v/s Antonio Sebastiana. (Stephany-NY). same in 62 ds. for 2 IRCs. (Rigas-IL). in 50 ds. for a PT rpt. and 1 IRC. (Laskowski-IN).

SARAWAK: Radio TV Malaysia 7160 via Kuching f/d cd. in 60 ds. for 1 IRC.

* (Talbot-ALB). 6060 via Miri f/d cd. in 18 ds. for 1 IRC. (Warner-AUST).

SIERRA LEONE: SLBS 5980 f/d ltr. in 1 1/2 yrs. for 1 IRC. (Horn-TX).

SOLOMON ISLANDS: SIBC 9545 f/d cd. in 20 ds. for 2 IRCs. (Gurley-TX).

SOUTH AFRICA: Radio RSA 11730 and 9615 f/d cd. in 18 ds. (Forsgren-WI). 9615 f/d "Sailboat" cd. in 25 ds. (Gray-MI). f/d "Pilgrims Rest" cd. in 21 ds. w/ pennant. (Dye-AR). 9585 f/d "Ebenezer Dam" cd. in 27 ds. (Choroszy-ME). 6160 and 9580 f/d cds. in 43 ds. (Barrera-ARG). 5980 cd. w/ pennant in 26 ds. (Talbot-ALB). 4835 f/d cd. w/ sticker in 18 ds. (Cones-VA). SABC 4880 f/d cd. in 42 ds. v/s Colin Miller, Technical Manager. (Barto).

Capital Radio 3930 f/d cd. in 5 wks. for 2 IRCs. (Swaringen-NC). p/d cd. in 126 ds. (Stephany-NY).

SPAIN: Radio Exterior de Espana 9630 f/d cd. in 38 ds. (Kacir-MI). f/d "Belles Artes" cd in 34 ds. (Gray-MI). f/d cd. in 35 ds. (Simnacher-TX). 11880 f/d cd. in 6 wks. (Moore-HOND). Radio Liberty 17725 via Playa de Pals p/d cd. in 14 ds. (Barto-CT). 17750 ltr. in 2 wks. (Barto-CT).

SRI LANKA: AFR 9720 f/d prepared cd. in 25 ds. for 2 IRCs. v/s A. Peterson. (Cobb-ME). VOA 11715 f/d cd. in 3 wks. (Huniwell-NJ).

SWAZILAND: Radio Truro 4980 p/d cd. in 47 ds. v/s Derek Shaw, Chief Engineer. (Laskowski-IN). TWR 3275 f/d cd. w/ sticker in 48 ds. for 1 IRC. (Stephany-NY).





SWEDEN: Radio Sweden International 11705 f/d cd. in 31 ds. (D'Angelo-PA). 17860 cd. in 38 ds. (Merrill)

SWITZERLAND: SRI 6135 and 21570 via Schwarzenburg f/d cd. in 21 ds. for 1 IRC. (Kacir-MI). 9535 via Sarnen f/d cd. in 23 ds. (Warner). 12035 and 17830 f/d cds. in 27 ds. (Barto-CT).

TAIWAN: Voice of Asia 5980 f/d cd. in 36 ds. for 1 IRC. Schedule rcvcd. (Wilkins-CO).

TANGIER: VOA 9760 cd. in 18 ds. (Fodge-IA).

TIMOR: RRI Dili 3305 IN form ltr. in 8 mo. for an IN * rpt. v/s Paul J. Amalo, Manager. (Fisher-ALB).

TURKEY: Voice of Turkey 9560 f/d cd. w/ pennant in 25 ds. (Cones-VA). f/d "Topkapi Palace" cd. w/ pennant in 24 ds. for ms. (Forsgren-WI).

UKRAINIAN SSR: Radio Kiev 9685 f/d cd. in 56 ds. (Dillon-PA). 15240 f/d folder cd. in 34 ds. (Dye-AR). 7185 f/d cd. in 66 ds. (Dillon-PA). 17870 cd. in 41 ds. (Dillon). Radio Moscow 6115 via Simferopol f/d cd. in 47 ds. (Dillon-PA).

UNITED ARAB EMIRATES: UAE Radio 11730 f/d "Map" cd. in 26 ds. (Green-TN). same w/ pennant in 21 ds. for 1 IRC. (Wilkins-CO).

UPPER VOLTA: Radio Voltaïque 4815 p/d form ltr. in 36 ds. for a FR rpt. (Laskowski-IN). same in 30 ds. for a FR rpt. and 2 IRCs. (Cones-VA).

USA: WRNO 6020 and 15420 p/d "DX Club" cd. in 6 mo. (Barto-CT). 6185 "Saints" cd. in 28 ds. for ms. (Wilkins-CO). 6020 f/d cd. in 54 ds. (Freeborn-ND). f/d cd. in 22 ds.

(Gray-MI). 17775 p/d cd. in 2 wks. (Fodge-IA). WINB 15145 "Logo"

cd. in 86 ds. for ms. (Hosmer-MY). 15185 cd. in 24 ds. for 1 IRC. (Freeborn-ND). KGEI 15280 f/d cd. in 34 ds. (Wood-NY). 6100 f/d cd. in 13 ds. for ms. (Forsgren-WI). Radio Earth 6185 via WRNO f/d cd. in 6 wks. for ms. (Lazarus-LA). WYFR 11925 f/d cd. w/ sticker in 55 ds. (Horn-TX). 9715 cd. in 67 ds. (Dillon-PA). 15215 f/d cd. in 66 ds. for ms. (Talbot-ALB). 15365 f/d cd. in 72 ds. for ms. (Wilkins-CO). same in 14 ds. (Cassidy-IN). Voice of Free China via WYFR 5985 f/d cd. in 3 mo. (Huniwell). same in 53 ds. (Coombs-NFLD). AFRTS 15345 via Bethany cd. in 22 ds. (Warner). VOA 11950 via Dixon f/d cd. in 18 ds. (Warner). 6040 cd. in 12 ds. (Rigas). same in 11 ds. (Dillaman). 15415 via Greenville f/d cd. in 18 ds. (Lare). 15205 cd. in 10 ds. (Jones-OH). 21460 via Delano f/d cd. in 16 ds. (Laskowski).

UZBEK SSR: Radio Moscow 15330 via Tashkent cd. in 37 ds. (War-

VATICAN: Radio Vatican 11810 f/d "Antenna" cd. in 225 ds. (Tal-

VENEZUELA: Radio Nacional 9640 f/d cd. w/ pennant in 740 bot). ds. for a SP rpt. v/s Luis Fernandez and Fabricio Ojeda Diaz. (Reinstein-FL). Radio Maturin 5040 p/d cd. in 1 mo. for a SP rpt. and 1 IRC. v/s Carmelo Resplander. (Gliksman-IL). Radio Rumbos 4970 f/d cd. in 94 ds. for a SP rpt. and 1 IRC. v/s Andres Serrano. (Plum-NJ). Radio Lara 4800 f/d cd. in 3 wks. for a SP rpt. (Huniwell). Radio Turismo 6180 p/d cd. in 73 ds. for a SP rpt. (Warner). Radio Barquisimeto 4990 f/d cd. in 32 ds. for a SP rpt. and 1 IRC. (Dillon). Radio Juventud 4900 cd. in 44 ds. for ms. (Stephany-NY).

WEST BERLIN: RIAS 6005 p/d cd. in 14 ds. for 2 IRCs. (Lare-MI). f/d cd. in 48 ds. (Laskowski-IN). same in 13 ds. for 1 IRC. (Cones-VA). f/d cd. in 82 ds. for 1 IRC. (Swaringen-NC).

YEMEN ARAB REPUBLIC: Radio Sana'a 9780 p/d form ltr. in 93 ds. (Stephany-NY).

ZAIRE: La Voix du Zaire 15245 p/d ltr. in 417 ds. for a FR rpt. v/s Ayipam

* Muana Ngo. (Barrera-ARG).

ZANZIBAR: Radio TV Zanzibar 3339 f/d form ltr. in @ 1 mo. for

* an EG rpt. (Sgrulletta-NY).

radio
sweden
international

That about wraps it up for another month. This time we had @ 115 countries reported with several verie fine QSLs! Job well done!

Hope you enjoyed the illustrations this time. We have more to come in the coming months. Till next time... Best of DX and QSLing.

Sam



update

May 1984***Number 162

Tom Alleman
636 E. 74th Terr.
Kansas City, MO 64131 USA
(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 May (Mid-May) 20 May (June) 10 June (Mid-June)

Reproduction permitted; credit original reporter and NASWA UPSATE, Dates and times GMT. Freqs kHz.

HOUSEKEEPING MATTERS: UD has recently received an unusually high number of reports that omit the time of the reception. Time is just as important as other reception details. Its absence can make an important log meaningless. Remember to check your reports for details before they leave. Tnx.

AUSTRALIA BDR via VJY, 6840, in USB 0855:53-0915; weak and hets but clear copy. That oddball relay for the outback noted 3-24 w/ pips to hour, ABC theme, into nx through 0915 when abruptly into some kind of ute traffic. Weak signal here. (Ralphus, TX)

BOLIVIA R. Santa Ana, 4803.6, wonderful signals on local Saturday night 4-1 0204-35 t/o and still going strong 0300 recheck. They've done something, because this is a quantum leap in signal strength. Prgm of boleros and ranchera mx, mainly segued, though GMT-4 to as "10 de la noche 19 minutos" at one point, and canned ID at bottom of hour (0233) clearly mentioning "...en su sintonia, Santa Ana." Modulation a bit muffled, and local static a pain, but good power. (Ralphus, TX)+++Suspected R. San Jose de Chiquitos, 5581.5, noted several nights at local sunset for the "Beni enhancement" we get at the equinox. Orch mx 0056 on 3-30 0100 talk by M in SP, back to ballads 0103, a bit of yipping 0112, faded down by 0120. Tnx Steve Reinstein's alert on this freq. (Ralphus, TX)

CHINA Tentative Peking, 7135, in CH 1115; talk, female vocals. (Levison, PA 4-12)

CLANDESTINE/North Korea VoRev. Party for Reunification, 4120, in lang 1154-1230 3-15 // 4557, boring programming, frankly, though funny to hear a Sousa march on the hour. (Ralphus)

COLOMBIA LV del Guaviare, 6035, in SP 1059-1127 3-15; this is R. Transamazonica reverting to the name it used before it added SW. 1104 ID: "Esta es La Voz del Guaviare, HJWA, 1170 kHz, 6035 kHz onda corta, banda internacional de 49 metros, emisora afiliada a la primera cadena radial Colombiana, CARACOL, la gran compania." Arpa/llanera stuff. Nx prgm 1100 called "Informativa de las 6." Blasted out by VOA Dixon s/on 1127. Wonder if this is a change in ownership? (Ralphus, TX)

GALAPAGOS IS. LVG, 4810, in SP 0145 w/ classical mx and W anncr. (Larry Yamron, PA)

MONSERATT DW relay, 11865, in EG 2316. Mostly mx. Good sig. (Levison, PA 4-12)

NICARAGUA LV Nicaragua, 6100, in w/ huge signals 1130 3-28, ex 5950. (Ralphus, TX)+++ R. Sandino, the MWER now on SW, 6199.5, noted very strong 3-21 0950-1032 t/o, w/ prgm from 1000 called "Variaciones de la Manana." A few cute slogans such as "Radio Sandino, un punto en el dial, amiga y musical." Also, "Con la mejor en musica, R. Sandino." Mixed bag of mx. (Ralphus, TX)

PNG R. Madang, 3260, in PD 1035; island choral mx and W anncr. (Yamron, PA)+++R. E. Sepik, 3335, in PD 1030, talk and mx, again w/ W anncr. (Yamron, PA) +++R.E. New Britain, 3385, island choral mx, W anncr. (Yamron, PA)

PERU Radio Ancash, Huaraz, Departamento Ancash, 4990, tnx Juan Carlos Codina, noted with surprisingly fair signals 3-21 0118-59; suffering only from static crashes from locally brewing thunderstorm. Barquisimeto absent as on several nights preceding this log, when weak stn, probably the same was heard. But YV on freq and covering 3-22,23. Ancash played delightful mod-folklorico, using huaynos melodies played by youthful group injecting 1980s style syncopation into the traditional base. Several songs off of an Inkaenetas album I have, which is super mx. Many segued discs and one formula ID (not sure if canned) at 0129, 0138, and 0158: "Desde...capital de...Radio Ancash, 4990 kilociclos, banda internacional de 60 metros, onda corta." They may have continued well past 0200, as something noted there 0220 but weaker and different format. Ballads and such. SABC on top 0300. (Ralphus, TX)+++Estacion 2000-Radio, 9988.5, best time for this is around 1200. Noted daily as early as 1150 or so w/ nice signals and folklorica mx, annments of time by W. Can't believe the rated power on this xmtr. (Ralphus, TX)

SAIPAN KFBS Saipan, 15115, in test xmsns 1007-46 3-28; fluttery signal and perhaps only 70% copiable. B'casting ID tapes in many languages. Pattern was 5-minute language blocks, though EG sometimes ran 10. Each language would feature a one minute loop with 30 seconds of a theme repeated twice then ID annment and request for reports to given address. EG segments at t/in through 1015, again 1025 and 1040. EG blocks would have W for first two loops then a M would take over w/ slightly different text, he citing 100 kW power of stn.

NASWA UPDATE/May 1982-----2

Typical tape went; "This is KFBS...international...of the Far East Broadcasting Co. ... Northern Marianas. Please send your reception reports to KFBS, P.O. Box 209, Saipan, C-M, 96950. That's (address repeats). Not much of a signal for 100 kW but it was early for 19m here. (Ralphus, TX)

SOLOMON IS. SIBC, 5020, in EG 1040; pop mx prgm. (Yamron, PA)

USSR RMWS, 15320, in EG 1352; World Service format. (Levison, PA 4-12)

VANUATU Vanuatu, 7260//3945, in 1045; US pop mx and 7260 off 1110*. (Yamron, PA)

In the feature block this time, we begin with two interesting reports from Ralph Perry in Texas:

PERU R. Libertad de Trujillo, 4910.8, fine QSL letter plus many goodies fro, v/s Sr. Carlos Burmeister B., Director General, who said that after many months (an understatement) off the air due to "lack of transmitter technicians in my country (Peru)" they had only been back on the air "algunas dias" before receiving my report, which was "exact in details of programming for those days." R. Libertad is 33 years old and also operates 1160 kc MW. Affiliated also in town is MW 980 kc Mi Nueva Radio La Hora. Slogan: "Al Servicio de la Cultura, El Comercio, La Industria, El Turismo y La Defensa de los Derechos del Pueblo." Interesting detail is that 980 kc was only recently returned to Burmeister's ownership after 8 years of ENRAD expropriation. Sent promotional card w/ views of R. Libertad building, power plant w/ three generators, four xmtrs, stn auditorium, sala de grabacion, and even what appears to be the sitting room of Burmeister's home. Burmeister was for 25 years a magistrate of the Court of Liberty, a professor at the Universidad Nacional de Trujillo for 40 years and in 1964-65, Peru's representative to the United Nations. Note: Not long after my three days of loggings, this one disappeared inexplicably--as if blowing a tube soon after start up. I'm happy to note that after a few weeks they were back. Heard agsin 3-17 1028-1100 t/out w/ fair signal but nothing near Em. Gran Colombia's power, which also uses this offset freq but which was absent this day. Be very careful. This morning w/ OA folklorica mx, mentions at 1042 of "buenos dias, Trujillo, and at 1053 "atencion amigos agricultores, las 5 de la manana...por Trujillo, transmite Radio Libertad." A memorable listening experience, right down to the first-class verification.

Also from RWP and Jonathon Marks of RNNN 3-23, some information on projected SW b'casts in the US:

WALK of the Assemblies of Yahweh of Bethel, PA will be on the air in six weeks time (early May?) according to Elder Jacob Mayer (sp?). Stn will use converted 50 kW MW xmtr and will b'cast 15110 1700-1900 and 15260 2200-0000 via log periodic antenna beamed to Europe. Address P.O. Drawer C, Bethel, PA 19507.

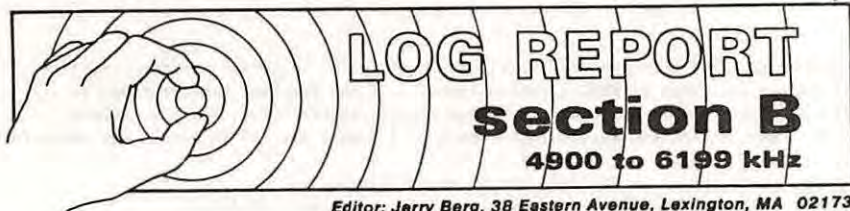
KCBI, affiliated w/ KCBI FM in Dallas, belonging to Criswell Center for Biblical Studies/Criswell Bible Institute, will be on air by summer's end w/ a 50 kW xmtr beamed to LAm, according to spokesman Mike Middleton. Will use 17705 1800-2200 to Eur and 2200-0000 to LAm. Address: Box 1809, Dallas, TX 75221. (RWP adds--I intend to visit these fellows if time permits--they are in my backyard, hi.)

A Homewood, LA, preacher, whose name sounded like Hugh vo Eaton said that he has received a construction permit to build his religious stn. Will by 100 kW, he said, but funds still needed.

Mr. Harry Norman, of 705 2nd Avenue, Opelika, AL 36801, said he intends to put a 100 kW commercial SW stn on the air w/ prgmming consisting of "world-class sporting events" like the Super Bowl, World Series, etc., talk shows with live world-wide phone-in, audio from US television soap operas. Wants input from SW listeners regarding prgm ideas. (RWP adds: Methinks this guy is in the clouds. There will be substantial legal problems if he runs copyright material from other b'cast entities and the costs of buying rights would likely outweigh any chance of making commerial profits.)***from tba: Agreed, and if I want "world class sports" I can tune in to AFRTS, which does seem to pick up things like the Superbowl and World Series from time to time!!!

About all for another issue. More next time from Takayuki Inoue, Juan Carlos Codina and Dr. Richard Wood. Stay tuned, and contribute yourself!!!

Best 73-- *BA*



LOG REPORT

section B

4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

A new Peruvian on 4910, and R. Sandino hrd intermittently on 6200 . . . and Chad back.

- 4905 **BRAZIL** R. Araguaia, man with ballads at 0225 on 3-30, two IDs, reverb effects; mix of EZ lstrng mx, rock, pops; full ID 0240, gal vocalist; poor, in much static (Jordan).
- 4905 **CHAD** Ndjamena is back, and hrd by many. On 4-4, strong open carrier from *0452, long test tone 0454, IS 0456, about 7 seconds long. NA 0458, African song by kids chorus, clear ID 0501, into mixed bag of Afr mx. Exc level at first, faded some by 0530 (Cunningham); *0455 3-30, 26-note percussion IS, fantastic sig, hrd daily past 0600 (Valko); good to very good 4-1, *0455, prgm as above (Stephany-NY); good most nights since 3-18, mostly hillife mx after s/on (Forth-IL); 0502-0554 lost, 3-18, ID, prgm sked, said they'll also broadcast in AR (Dillon-PA); Afr mx 0505 3-27, rapid talk 0520, nx at 0530 (Jordan); FR talk 0506 3-18, many mentions of Chad, Afr mx, nx at 0531 (Rigas-IL); fair 0510 3-18, hillife mx, FR (Lineback-TX); and afternoons, 2126-2203* 3-31, FR pop tunes, hillife mx, s/off anmts, ID, NA, poor tho no QRM. (D'Angelo-PA).
- 4905 **CHINA** Beijing, man in CH 2256 3-8, then mx, but fades entirely by 2303 (Bolland-FL).
- 4910 **GUINEA** Conakry, Afr mx 0511 4-1, but no actual ID hrd (Field-MI).
- 4910 **HONDURAS** LV de la Mosquitia, 0050 on 3-18, fair with religious mx, ID by man 0100 (Rigas-IL); talk, light mx 0205 3-30, echo-type IDs, M&W annrcs, pops, ballads, etc. (Jordan); 0249 on 3-11, SP ID, religious programming, QRM* and QRN (Schulze).
- 4910 **ZAMBIA** Lusaka, 0345 3-11 with fish eagle IS at s/on (Schulze); 0440 on 3-26, mentions of Zambia by man, poor sig (Lineback-TX).
- 4910+ **PERU** R. Libertad, Trujillo, 1021-1110 3-16, campo mx, man in between, bird chirping, TCs, IDs, many mentions of Trujillo between songs; sounded like just one ad at the bottom of the hr; YL with campo mx 1100; hrd daily at *0959, varying modulation, fades badly by 1110 (Valko); nx items and market anmts, fair 1057-1110 3-24 (Moore-HOND); 1102 3-30, sometimes man anncr, sometimes gal; hrd *1043 4-1, fqys, Peru mentioned, short NA 1058 (Jones). Lately *0950; was on this fqy some years back (JB).
- 4915 **BRAZIL** R. Anhanguera, full ID 0808 tune-in 3-9, then mx; a few ads (Forsgren-WI).
- 4915 **BRAZIL** R. Mac. de Macapa, 0128 3-11, man talking, maybe relig. prgm; fair (Bolland-FL).
- 4915 **GHANA** Accra, 2239 3-11, vernac. talk, mx, very poor at this early hour (Bolland-FL).
- 4915 **KENYA** Tent. Nairobi, vernac. 0359 3-2, NA, time ticks, nx to 0415, mentions of African places; some type of commercial; too weak to ID, so make it tentative (Valko).
- 4920 **AUSTRALIA** ABC-Brisbane, end of nx 1214 3-14, TC, relig. prgm on USSR (McLemore-FL); old time pops 1247 on 3-11, TC, into ABC nx at 1300 (Bobb-MN).
- 4920 **ECUADOR** R. Quito, LA mx 0115 3-8 (Dickson); vocals 0200 4-3 (Green); full ID 0235 3-28, Jingle, ads, nx was at 0226 (Lausevich); harp under ID 0405 3-31, mx, nx 0420 (Dillon-PA).
- 4922 **PERU** Presumed Ondas del Titicaca, poor with Andean mx, 1047-1052 3-24 (Moore-HOND).
- 4930 **HAITI** 4VEH, FR talk, possibly religious, 0100 3-17, ID, good sig (Mayer-PA); FR sermon 0127 3-30, classical mx 0130, nx 0200 (Dillon-PA); FR string trio 0135 3-6, fanfare ID, good sig (Bobb-MN); strong with FR nx 0203 3-9 (Daly-NY); FZL mx 0220 3-7 (Dickson).
- 4932 **NIGERIA** Educ. Svc, EG ID 0535 on 3-18, drums, poor sig (Lineback-TX); Afr mx 0555, also 3-18, Lagos ID 0600, nx, fair (Dillon-PA); two men talking at 2252 on 3-11, fair sig; a little mx before the hr, then closing anmt, NA, to 2301* (Bolland-FL).
- 4935 **PERU** R. Tropical, 0302 on 3-11, anmts by man followed by mx, fair sig; very poor on 3-10, and QRM compounds things (Bolland-FL); brief appearance 3-9 with clear ID at 1053, some flute mx (Forsgren-WI).
- 4940 **PIRATE** KRXW at 0208-0220* 3-22, rock mx, a GMT TC, three IDs as "This is KRXW shortwave," strong with good clarity (Forsgren-WI).
- 4945 **BOLIVIA** R. Illimani, fair over HJ 3-25 at 1037, mass, //6025 good (Moore-HOND).
- 4945 **COLOMBIA** Caracol Neiva, mx 0245 3-29, frequent IDs, local and intl nx (Lausevich); ID 0500 3-23, then LA nx (Daly-NY); nx 0500 3-17, Caracol ID, ads, big promo (Dillon-PA).
- 4950 **PERU** R. Madre de Dios, *1035 3-10, NA, "Tonight We Love," ID, fqy, much talk over OA mx; poor sig (Jones-MS); *1027 3-25, same format, very poor signal (Jordan).
- 4950 **SARAWAK** Kuching, nx by gal in CH, 1320 on 3-29, good sig (Lineback-TX); good 1410 on 3-16 with FG stock market rpt (McKellar); local nx 1430 3-28, ID by gal, pops (Sharpe); 1555 3-11, mx, closing anmt in EG and Malay, then NA; good signal (Vadino).
- 4955 **BRAZIL** R. Clube, 0909 3-11, good with Brazilian mx, jingle ID (Rigas-IL).
- 4955 **BRAZIL** R. Marajoara, ID 0905 3-18, Brazilian pops, anmts (Alexander-PA).
- 4955 **PERU** R. Cultural Amauta, 1016 tune-in with NA 3-3, s/on anmt, instr. mx, fair (Forth-IL).
- 4965 **NAMIBIA** R. SWA, IS 0425 3-10, ID in EG, relig. mx, talk, surprisingly good (McKellar).
- 4970 **ANGOLA** Tent. Cabinda, very weak, man talking 1235 3-18 (Field-MI). Mean 0535 maybe?(JB).

- 4970 VENEZUELA R. Rumbos, ID with chimes at 0210 on 3-9, then mx, frequent IDs (Daly-NY); lots of slow SP mx, good signal, 0244 on 3-19 (Laskowski-IN); 0450 on 3-17, LA mx, IDs between songs, TCs, frequencies, NA to 0500*, good signal (Dillon-PA).
- 4977 ECUADOR R. Tarqui, nx report at 1114 on 3-17, ID, TC, good signal (Forth-IL); very fine sig 3-8 at 1121, continuous nx (Bolland-FL).
- 4980 VENEZUELA Ecos del Torbes, 0105 on 3-26, ads, man talking, pop mx, IDs 0121 and 0130, good reception (Cassidy); local mx, many IDs, good sig, 0220 on 3-9 (Daly-NY); LA mx at 0505 3-26, relaxed DJ, TCs, IDs, short sermon on religion and politics (Dillon-PA).
- 4985 BRAZIL R. Brasil Central, seemed like sports nx 2307 on 3-11, scores, names of teams; ads 2312, good sig (Bolland-FL).
- 4990 ECUADOR R. Bahai, light instrumentals, EZ lstrng ballads, spot armts, TCs, 0105-0203 on 3-12; IDs 0133, 0158; poor-fair reception (Jordan).
- 4990 VENEZUELA R. Barquisimeto, classical guitar mx 0205 on 3-26; echo ID 0230, pop mx, good reception (Cassidy); 0217-0300 3-13, SP mx prgm, full ID at 0253, RSA QRM at 0255 (Lausevich); LA mx 0330 3-26, man DJ with IDs between selections, fair-good sig (Dillon-PA).
- 5013 ANGOLA EP do Namibe, hrd 2250-2304* on 3-8, non-stop hllife mx with vocals, into NA at 2302 with no armts, and carrier stayed on past 2304 end of NA (Valko).
- 5010 CAMEROON Garoua, EG regional nx at 0538 3-7, IDing as Natl Svc of R. Cameroon; FR and local mx 0547, WRM from WWV (Lausevich).
- 5015 CLANDESTINE R. Truth, EG at *0430, carrier on quite early, s/on with bird IS, brief armt with ID, short pop mx piece and then mention of Zimbabwe and into EG cntry by gal; difficult copy in QRM, 3-10 (Valko).
- 5015 ECUADOR Esc. Radiofon. Populares, end of LA folk mx 0300 3-24, full ID and telephone number by gal, anthem, 0302* (Prath-FL); rooster crowing 0855 3-15, ID, mx, M&W talking, fair-good signal (Bobb-MN); sounded like tail end of s/on at 0909 on 3-3 (Burnell).
- 5017 UNID Brazilian at 0553 on 3-18, mx, ad, ID 0600, "onda tropical," could not ID (Field-MI).
- 5020 ALBANIA R. Tirana HS, Gjirokaster, *0400 with IS, NA, ID, Albanian mx straight through, no talk for a half hour; //5057 fair, 3-25 (Dillon-PA); Alb mx, 0430 3-26 (Lineback-TX).
- 5020 SOLOMON IS. Honiara, 1038-1102 3-20, gal talking, island mx, 1100 TC, nx (Enkenhus-MD).
- 5025 BRAZIL R. Jornal Transamazonica, 0812 4-1, talk, ID, ads, Brazilian pope (Alexander-PA).
- 5025 ECUADOR R. Splendit, complete ID at 1035 3-31, followed by flute mx (Field-MI).
- 5026 UGANDA Kampala, 0350 3-26, fair with Afr nx or cntry, ID, EG nx (Lineback-TX); man with regional nx 0415 3-8, obituaries, ID, nx in local language, fair-good (Bobb-MN); local nx 0416 3-9, armts, obits to 0423, local language, much noise and fading (Daly-NY); EG market report 1710 on 3-17, ads, nx (Schulze).
- 5030 PERU R. Los Andes widely hrd lately. IDs, pop mx, good sig 0200 on 4-1 (Dickson); LA version of 50's R&R 0210 on 4-1, man DJ with ID and armts, also TCs (Dillon-PA); SP talks 0425 3-18, local mx, 0505* after NA (Schulze); exc at s/off armt at 0455 on 4-1 (Field-MI); good sig on 3-14 with mx, ID, NA to 0510* (Lineback-TX); OA mx at 1015 on 3-7, M&W with location, IDs, fair-good signal (Bobb-MN).
- 5030 SARAWAK Kuching, 1220 on 3-24, US pop vocals, M&W talking, ID 1322, local and US pop vocals, all in Asian language (Lineback-TX).
- 5035 BRAZIL R. Aparecida, armts by M&W at 2315 3-9, mx, full ID 2330, nx; fair (Bolland-FL).
- 5035 CENT.AFR.REP. Bangui, FR nx at 0500 4-2 (Green); lively African hllife mx 0515 3-17, man armt with some conversation and ID but mainly mx, fair sig (D'Angelo-PA).
- 5040 COLOMBIA R. Cinco, ID 0325 on 3-18, LA mx, just below Maturin at same time (Schulze).
- 5040 VENEZUELA R. Maturin, 0917 3-10, IDs, promos, LA mx (Alexander-PA).
- 5043 ANGOLA ER de Benguela, 0510-0534 3-9, believed nx till 0526, dozen or more mentions of Angola, sound effects, instr. Afro mx, talk by man in Afr language starting with "Benguela . . ." Faded by 0550 recheck. Hvy QRM; surprised with this one (Valko).
- 5045 BRAZIL R. Cultura do Para, rock mx, ID 0237, armts, info 0257, 0300* 3-14 (Jones).
- 5047 TOGO Lome, FR ID at 0530 3-18 after NA, then choral mx (Jones); Afr mx 0533 3-23, bells, ID, gal anncr, poor reprn (Cassidy); mx 0605-0614 4-1, talk by man, mentions of Lome and Togo, but no positive ID hrd; QRM (Dillon-PA).
- 5049 VENEZUELA R. Mundial, fair but very low audio at 0300, musica caliente, many TCs, "En YVKE, 11:53;" off suddenly 0411; quick QSL (JB).
- 5055 COSTA RICA TIFC, EZ lstrng mx 0203 3-30, man DJ, armts, TCs, RTTY QRM (Dillon-PA); SP religious prgm 0215 4-1 (Green); EG fqy and time armt 0254 3-9, religious songs and talk (Daly-NY); religious mx, sermon, fair in EG 0315 3-26 (Cassidy); EG 0340 3-18, relig. prgm (Schulze); no ID but tentatively then, 1035 3-31 with talk abt "palabra de Dios," mx 1040, TC 1045; WRTH says s/on is 1100 (Field-MI). R.Database Intl says *1000(JE).
- 5057 ALBANIA Gjirokaster, *0400 NA, ID, into list of day's prgms, good 3-4 (Wood-S.AR).
- 5059 PAKISTAN Rawalpindi, ID 1745 3-13, Urdu nx, good sig (Wood-S.AR).
- 5060 PERU R. Amazonas, 0445 4-1 with mx, ID 0451, off with NA (Field-MI).
- 5095 COLOMBIA R. Satuzena, ID 0130 on 3-11, then nx, frequent IDs (Daly-NY).
- 5105 CLANDESTINE LV del CID (Ignacio Agramonte), ID with chimes, 0404 3-9 (Daly-NY); 0715-0845 3-10, IDs, prgm of LA mx, talk by man, chimes (Alexander-PA).
- 5112 PERU R. Eco, man talking 2328 3-8, then mx, TC, ID, fair even through RTTY (Bolland-FL).
- 5191 ANGOLA EP do Moxico, 2236-2348* 3-8, hllife mx, R. Nacional ID 2241, 3-minute band NA to 2248, carrier off 2248:18. Fair with weak audio (Valko).
- 5289 CHAD R. Moundou, tentative 3-18, *0459 in FR, weak with 3-note IS, FR talk but no ID understood (Rigas-IL); *0501 3-18, 3-note tone IS for 15 minutes, s/on ID, talk by man, into FR ballads 0523, sig getting weaker, possible ID but noise picking up (D'Angelo-PA);

- FR 0511 3-18, 3-note IS, carrier 0515, FR talk, light mx 0517, no ID hrd, weak(Forth-IL).
- 5570 CLANDESTINE R. 15 de Septiembre, usual talk 0300-0357*, IDs, anthem, 3-19(Alexander-PA).
- 5816 PERU LV del Altiplano, ID 0958 3-2, nice OA mx, many TCs, IDs, best ever hrd (Valko); tentatively then at 1030 on 3-8, nx, no ID hrd, poor reception (Field-MI).
- 5910 BLGIUM BRT, DT 2329, SP 0000, EG "Brussels Calling" 0030, in CW QRM on 3-1 (Enkenhus-MI); talk at 0100 on 3-18, pop mx, TX on art exhibitions, ID and schedule (Gray-MI).
- 5920 USSR Radiostansiya Rodina, RS talk by M&W 0156 3-29, FZ 1stng mx, tones on the hour, RS ID, fair signal (Dillon-PA).
- 5930 CZECHOSLAVAKIA Prague, EG 0100-0130 3-10, nx (Weinhold); nx and cmtry 0100 3-9(Dickson); 0300 on 4-1, EG nx, ID, ltrs, fair sig (Gray-MI); end of mailbag at 0347 3-9, local songs (Daly-NY); 0359 3-11, SP ID, fady signal (Vadino); 0400 3-27, IS, SP ID(Dillon-PA).
- 5940 CLANDESTINE R. 15 de Septiembre, 0233 3-12, talk on freedom of religion, ID (Rigas-IL); political comments 1130 on 3-11, ID, fair signal (Bolland-FL).
- 5945 AUSTRIA Vienna, classical mx at 0046 on 3-13 (Levison-PA); 0130 3-11, nx, mx, talk abt education, all EG (Dickson); EG 0340-0355 3-27, bio-training center, sports, nx headlines, ID, IS (Dillon-PA).
- 5950 GUYANA GEC, 0951-1002 on 3-24, sports prgm, ID, 1000 nx, all EG; fair sig (Muzyka-NY).
- 5950 NICARAGUA LV de Nicaragua, EG mailbag at 0120 on 3-5, revolutionary mx (Jones); EG nx 0145 3-5, then mx (Dickson); fair with SP nx at 0205 on 3-14 (McKellar); FG talk at 0405 3-4, fair sig (Wood-S.AR); EG ID 0430 3-17, letters, nx, fair-good (Dillon-PA); "Contact Mailbag" 0438 3-9, "Nicaragua Today" at 0450 (Daly-NY); ID 1054 3-17 (Levison-PA).
- 5954 COSTA RICA R. Casino, 0515 4-8, US and LA pop mx, TCs and IDs, s/off amnts, NA to 0604*; good sig (Mayer-PA).
- 5960 CANADA RCI, npt on parliament at 0210 3-29, nx, ID, good sig (Dillon-PA); FG nx and SWL Digest, 0300 3-4 (David); exc with EG RCI Journal, 0415-0425 3-24 (McKellar).
- 5960 USSR RM FE site, Japanese 0930 on 3-19, gal with fqys, world nx, China-5950 QRM(Park-HI).
- 5965 BRAZIL R. Guaiba, 0914 3-9, mx prgm, nx 0922, simple "Guaiba" ID at 0941, then began a prgm for Rio Grande do Sul state (Forsgren-WI).
- 5970 S. YEMEN Aden, FG "Happy Birthday" 0525 during AR prgm, but totally AR folk style, oud and other traditional AR instruments, fabulous; good sig, //6005, 3-8 (Wood-S.AR).
- 5975 BRAZIL R. Guaruja, 3-18 2352, tentative; with futbol under BBC, no ID but this one listed (Rigas-IL).
- 5975 COLOMBIA R. Macarena, man with IDs 1059 3-7, talk, mx, all SP, fair sig (Bobb-MN).
- 5975 ENGLAND BBC, npt, rpts from correspondents, sports, press rvw, 0403-0425 3-27(Dillon-PA).
- 5980 SOUTH AFRICA R. RSA, world and Afr nx in EG, 0200 3-23, vy good sig (Hankins-PA).
- 5985 USA WYFR-Okeechobee relaying VoPC, 0215-0300 3-28, cmtry, ID, talk on CH investment opportunities, CH pop mx (Dillon-PA); 0655 3-15, CH mx prgm, gal DJ, EG, exc sig(McKellar).
- 5995 AUSTRALIA RA, "Australia Today" at 0940 3-20, talk, mx, ID, good sig (Bobb-MN).
- 6000 BRAZIL R. Inconfidencia, in clear but not too strong, ballads, ID 0750 4-1(Alexander-PA).
- 6005 ASCENSION IS. BBC relay, rock mx 0436 3-15, religious prgm, ID 0445, then financial nx (Lausevich); in EG at 2200 3-7 (Weinhold).
- 6005 CANADA CFCX-Montreal, CFCF ID 1046 on 3-22, TCs, wx, ads, pop mx, a rare visitor here (Jones-MS); 2245 on 3-7, mx, ads (Weinhold).
- 6005 SOUTH YEMEN Aden, poor at 0330 3-28, AR mx, nx, BBC no longer off 0330-0355 (now off 0230-0255) (Dillon-PA); 0330-0400 3-13, AR mx, tentative ID mentioning Yemen at 0346; CFCX QRM, ditto BBC at 0400 (Lausevich).
- 6015 VATICAN R. Vatican, Sun blessing at 0105 4-2, IS 0110, 2 minutes of silence, then IS, bells, into SP 0115, good sig (Dillon-PA); EG religious talk at 0107 on 3-27, religious mx, carillon, ID 0109, pause, into SP 0115 (Hankins-PA).
- 6020 BRAZIL R. Universo, hrd 0835-0906 on 3-9, talk prgm with emotional man anncr, big production ID at 0848 (Forsgren-WI).
- 6025 ALBANIA Tirana, *1700 3-3 with ID in Bulgarian, nx, fair sig but soon heavily jammed; this long established fqy omitted from WRTH-84 (Wood-S.AR).
- 6025 BOLIVIA R. Illimani, 2322-2332 on 3-23, talk by M&W, ad for "Octopussy" in local theater; TC, ID at 2330 by YL, "R. Illimani, la voz de Bolivia." Fair, much QRM (Valko).
- 6025 MALTA DW relay, AR 0445-0517 3-31, talk about movies, ID 0505, nx, lite QRM (Dillon-PA).
- 6030 CANADA CFVP-Calgary, 0804-0846, rock mx, TC, wx, wiped out by OC 0845 but fading anyway, with CKFX in better; 3-16 (Valko).
- 6030 USA AFRTS-Bethany, US nx 0410 3-4, from domestic networks; good sig (Wood-S.AR).
- 6035 COLOMBIA LV del Guaviare, OC from at least 1000 on 3-22, opened 1010 with SW apparently joining MW in progress, HJ campo mx, talks, TCs, many IDs, taped promos, jingles, full ID 1031, mentioning Caracol; good level (Cunningham); phone rings at 1020 on 3-14, IDs, TCs, LA mx, commls, Caracol mentions, apparently just a name change for Transamazonica (Jones-MS); ID 1028 3-29, pop mx, no Transamazonica IDs (Forth-IL).
- 6040 FRG DW, good in EG 0100-0150* 4-3, world nx, good reception (Bonnet-IN).
- 6045 DOMINICAN REPUBLIC R. Santiago, 0025 3-15, live sports event, mentions of Santo Domingo, ID by man at 0030 (Rigas-IL).
- 6040 GDR RFI, 0000 3-29 with SP nx, talk abt Cuba and Chile, rw of headlines; fair(Dillon-PA).
- 6045 USA WRNO-New Orleans, "World of Radio" 0530 3-10, QRM frm 6035, 6040 and 6050 (Park-HI).
- 6050 ECUADOR HCJB, local svc 0245 4-1, mx to 0300, then ID, nx (Dillon-PA).
- 6060 AUSTRALIA RA, IS 1420-1430 3-31, ID, fqy amnt, good sig, FG (McKellar).
- 6060 FORTUGAL Lisbon, in EG at 0300-0330 on 4-1, ID, nx read by gal, week's events, mx, chimes, NA (Dillon-PA).

6065 USA WYPR-Okeechobee, religious prgm in PG 0001 on 3-15, extremely strong (Hankins-PA).

6070 CANADA CFRX-Toronto, nx, wx, mx, ads, 1205-1250 3-25 (Fodge); ads, traffic, mx, nx, sports, wx, 1210-1310 3-8 (Jordan); ditto, ID as CFRE, 1700 4-1 (Dillon-PA); variety program, loud and clear, 1815-1900 3-14 (Hankins-PA); ads, 2200 3-7 (Weinhold).

6075 PRG DW, GM talk 2350 3-14, old style mx (Hankins-PA).

6075 PORTUGAL Lisbon, PT ID 0405 on 4-6, then mx; to N.Am, //9525 (Daly-NY); 0410 on 3-13, PT ID, nice local mx (Schulze).

6080 AUSTRALIA RA, "Waltzing Matilda" IS 1227 3-14, ID, nx, //7205, 9580, 11720 (McLemore-FL).

6080 CANADA CKFX-Vancouver, wx 0805 3-16, talk, C&W mx, ID as CKWX; seldom hrd (Valko).

6085 PRG DW, in EG at 0100-0145 on 3-11 (Weinhold).

6090 GUATEMALA TGMUB, 1123 on 3-15 with mx, stn IDs (Levison-PA).

6090 LUXEMBOURG R. Luxembourg, s/on with nx 0000 3-4, disco mx 0002, 0020 fade (Gurley); 0045 4-1 in EG, contest, address, rock mx, said they're partying in the studio (Dillon-PA).

6095 ECUADOR HCJB, EG relig. talks, ID, good 0502-0530 3-7 (Bobb-MN); DXPL 0700* 4-1 (Dillon-PA)

6100 NICARAGUA LV de Nicaragua now here. Poor with SF nx 0002 4-1, ID, much QRM (Rigas-IL); 0200-0230, nx, IDs, YVTO in background, difficult to tune here; also at 0315, and EG at 0400 with nx and cntry (Dickson); anti-US talk at 0400 3-29 (Green); EG nx 0407 on 3-27, ID, very good over YVTO (McLemore-FL); in SP 1135-1200, IDs, pop mx, nx (Bobb-MN).

6100 NIGERIA FRON-Maiduguri, Hausa 0405 on 3-4, Koran, fair signal (Wood-S.A.R).

6100 VENEZUELA YVTO, usual time sigs, 0030-0044 3-4 (Gurley); pips, with armt, "Observatorio Naval Cagigal, Caracas, Venezuela," 0348 3-28 (Dillon-PA); 0405 4-4, SP ID, TC, fair, same as Nigeria (Wood-S.A.R); with QRM from HCJB-6095, 0500 3-10 (Daly-NY); fair with pips and armt every minute, 0924 on 3-3 (Burnell).

6100 YUGOSLAVIA Belgrade, *1800 with Bulgarian ID, nx, good signal 3-3 (Wood-S.A.R).

6110 MALTA R. Mediterran, *2230 in EG on 3-25 (Weinhold).

6115 PERU R. Union, Andean mx 0952 3-24, ID as "la mas potente del Peru," ad for rat poison, faire sig (Moore-HCND).

6115 USSR RM, in EG 0120 3-27 (Hankins-PA); EG 0345 4-1, Simferopol per 1-7 QSL (Dillon-PA).

6118 COLOMBIA LV del Llano, 0700 on 4-1, LA mx, Super network ID, ID, WRTH says 0500*; Fair-good (Dillon-PA).

6120 CANADA BBC via Sackville, EG 0300-0330 3-28, world nx, "World Today," etc. (Dillon-PA).

6125 BRAZIL R. Globo, 2311 3-18 in PT, fair with ads, ID, into sports event (Rigas-IL).

6130 UNTD. SEA language, 1245-1310 3-9, gal talking, long, strange chant; Laos? Poor (Bobb-MN).

6135 KOREA Seoul, EG late March 1300-1330, EG "at 2200 GMT on 1170 and repeated again at 0930 on KBS's educational F^m channel on 104.5 MHz" (Howard-CA).

6135 SWITZERLAND SRI, to M/C.Am, C142 3-27, carillon, ID, some QRM from 6130 and 6140; very good sig (Hankins-PA); EG nx 0145-0200 3-10 (Weinhold); nx, SW Merry-Go-Round, 0245 on 3-24 (David); IT 0400-0415* 4-1, drama, violin at sad parts, ID (Dillon-PA).

6145 PRG DW, 0100 EG "Germany Today" 3-11 (Weinhold); GM 0415 4-1, speeches, IS, ID (Dillon-PA)

6150 COLOMBIA LV del Huila, LA mx 0720 4-1, ID by man between selections; fair (Dillon-PA).

6150 COSTA RICA R. Impacto, 2333-0002 3-8, mx, lots of TCs and IDs, booming in (Forsgren-WI); SP ID 0009 3-3, into local mx (Daly-NY); SP mx, amnts, 1111 4-3 (Levison); nx at 1137 on 3-17, played tape of R. Sandino during rpt on Nicaragua (Forth-IL).

6155 LIBYA Tripoli, AR talking 3-9 at 2205, mx; good sig, //11815 (Bolland-FL).

6155 SWAZILAND R. Truro, EG 0426-0506 on 3-24, fair repn, Budapest QRM to 0430; man DJ, Indian mx, ad for "Key West, a milky way of fair weather islands at Miami's doorstep" (over Swazi Radio? JB); on past 0500, weekend schedule (Howard-CA).

6160 CANADA CKZN-St.John's, 1007-1037 on 3-21, good sig, "Morning Show," nx, wx, "Overnight Report," marine wx (Howard-CA); nx 1015 3-15, wx, TC, mx, fair-good (Bobb-MN).

6165 NTH.ANTILLES RN-Bonaire, 0230 3-8, EG nx, Media Network prgm (David).

6170 COLOMBIA LV de la Selva, pretty good 1045 3-4 with "Discoteca Campesina" (JB).

6175 ANTIGUA BBC relay, world nx 0030 3-3, "English Speaking People" to 0130 (Daly-NY); World Svc at 0150 3-23, //6120 (Hankins-PA); Big Ben 0300 3-31, ID, world nx, "Nx About Britain," "The World Today," very good; //6005 (poor), 6120 (fair) (Dillon-PA); 0548 3-29, "World Today" till 0600, ID, world nx (Witzig).

6180 VENEZUELA R. Turismo, 0911-0928 3-16, tuned in to NA, instrumental mx with s/on amnts, mention of 970 and 49 mb; 5-minute talk with jungle sounds, into lively LA vocal mx; beautiful signal but troubled by het (Valko).

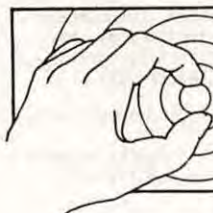
6185 VATICAN Vatican Radio, EG 2215-2230 on 3-7 (Weinhold).

6189 PERU R. Oriente, 1034 3-9, anthem, s/on armt, vocal mx, good signal (Forth-IL).

6195 SINGAPORE BBC PES, world nx 1500, into programming amnts, then chamber mx; all EG, in much QRM, 4-8 (Sharpe-CA).

6200 NICARAGUA R. Sandino is on SW. Long noticias 0233 3-21, several IDs as "R. Sandino, la emisora de vanguardia;" good level, no Tirana, also hrd //750 weakly under WSB-Atlanta (Cunningham); 0606 on 4-1, SP and EG pop mx, many IDs (Rigas-IL); strong 0745 3-31, M&W anncrs, lively LA mx, US pops, TCs (Alexander-PA); exc 1000 3-29, LA mx, TCs "en R. Sandino," prgm of "Variedades de la Mañana," also advertising "Linea Directa" prgm featuring Nicaraguan ambassador to the US (JP); 1007-1034 3-29, fantastic sig, LA mx, TCs, canned ID 1030, mx by Daniel Santos; hrd before 0955 so maybe 24 hours (Valko); camnesino mx prgm 1106 on 3-22, mx, talk, TCs, agricultural info, several IDs (Jones-MS).
Nct there every day; if you don't hear it, keep trying (JB).

LATE TIME: Anrola 5062, presumed R. Nac on the move, ID 2308 4-21 (JB). Till June, 73--



LOG REPORT

section C

6200 to 11699 kHz

Editor: David L. Walcutt, 211 West 56th, Apt. 35-F, New York, NY 10019

- 6200 NICARAGUA R. Sandino; 0445 SP, light rock, TC's, M&W DJ's; ID as R. Sandino to confuse listeners of LV de Sandino on 6205 (Dillon-PA 4/1). They confused me last month! -ed. 1025-1045 SP, M&W w/ID's, TC's (Bobb-MN 3/22); 1130 SP, TC (GMT -6), mx pgm presented by Ministry of Culture, IS (McLemore-FL 4/1).
- 6205 CLAND V. of Free Nicaragua; 0012-0019 EG, anmts giving times & fgy w/ID, revolutionary tlk about Nicaragua & FMLN (Alexander-PA 3/10). So is this really the same as LV de Sandino? -ed.
- 6210 MONTE CARLO TWR; *0729 IS, ID in EG, into German (Alexander 3/35).
- 6215.6 LEBANON V. of Hope; 0405-1705 EG, rock mx (D'Angelo 3/25, Schulze).
- 6235 PIR. "KQRP"; 0219-0222* bagpipe mx, "Hello there SWL's", ID, address (McLemore-FL 4/1).
- 6274.5 PIR. R. Free Insanity; 0807-0830 EG, asked for tapes from listeners for possible broadcast, gave Battle Creek address (Alexander 3/18).
- 6274.8 PIR. "KPRC"; 0730-0754* ad for Gene Splicer, s/off w/"Good Night Irene", said from New York City (Alexander 3/18). Weak here. -ed. *0342-0532 "Who's Afraid of the Big Bad Wolf" s/on (Valko 3/18).
- 6360a PERU R. Moderna; 1110-1115 SP, Andean mx, ID (Moore-Hond. 3/25).
- 6860 CHINA RB; 1740 Russian political cmnt; g but jammed (Wood 3/13).
- 6909.8 IRELAND R. Dublin; "World Music Radio" pgm 0750 (Alexander 3/25).
- 7061.2 CLAND R. Venceremos; 0255 SP, usual M&W tlk, ID (Alexander 3/31).
- 7080 ALBANIA RT; 0630 s/on EG booming in w/W ancr (Alpert 3/11).
- 7105 ASCENSION IS. BBC; 0502 EG, News of the African World" (Dillon 4/1)
- 7110 ETHIOPIA VORE; 1740 Amharic nx, interview from EG (Wood 3/13).
- 7120 ALBANIA RT; 0145-0253 EG, to N.Am. (Hankins 3/28, Dickson 3/36).
- 7120 SOMALIA R. Hargeisa; 1010 SO talk, mx requests, ID (Wood 3/16).
- 7125 FRANCE RFI; 0445-0453 EG, W nx reader w/jam-packed 8 minute EG segment (Jordan 3/30); 0414 ID, nx in EG (Gray-MT 3/8).
- 7125 UK VOA via Wofferton; 0320 EG, M&W mx, nx (Levison 4/7).
- 7150 USSR RM N.Am. Svc.; 0120 "Moscow Mailbag", Ukrainian chorus; QSL states site is Lvov, Ukrainian SSR (Dillon-PA 4/1).
- 7170 NEW CALEDONIA R. Noumea; 1040 FR, singing & applause (Blanchette).
- 7175 SICILY RAI Radiodue, Catanissetta; 0520 IT, soft vocal mx, ID at 0530; f (Cassidy 3/23). Text of ID would have been nice.. ed.
- 7195 USSR RM; 0055 EG, DX pgm (Laskowski-IN 3/20); 0338 SP, Russian lessons, very interesting!; mx (Dickson 3/20).
- 7225 TUNISIA R. Tunisia; 0520 AR, Qur'an (Paszkiewicz); 0549 AR, rel tlk sudden off and no ID heard so (t); ARO QRM (Dillon-PA 4/1); 2315-2329* AR, Qur'an, anmt, Anthem & off; poor (Cassidy 3/25).
- 7255 NIGERIA VON; 0523 EG, African vocals, talking drum IS, TC in GMT, ID, world news (Dillon 4/1); 0645 FR, lcl mx pgm (McKellar 3/7).
- 7270 POLAND RP; 2258 EG, nx of Poland, music (Levison 4/10).
- 7295 BOTSWANA RB; 0354-0410 lang, barnyard IS at tune in, choral anthem, opeling anmts; better than 4848 (Alexander 3/9); 0515-0535 W w/nx in EG of local region followed by world nx, ID "This is R. Botswana coming to you from Gaborone..." and into Setwana (Lausevich 3/7).
- 7300 ALBANIA RT; 0045-0345 EG/AL to N.Am., Albanian mx (3 reporters).
- 7315NF GREECE VOG; 0000-0040 GK to N.Am., //9865 (Hankins 3/15, Jordan).
- 7335 UZBEK SSR R. Tashkent; *1200-1230 EG (Weinhold 3/12); 1355 Urdu ID, Uzbek mx, beware Rawalpindi listed here in WRTH (Wood 3/15).
- 7345 CZECHOSLOVAKIA RP; 0305-0330 EG to N.Am. (McKellar 3/9, Dickson).
- 7371.5 PIR. R. Clandestine; 0305 pop mx, ID, 0308* (Rigas-IL 3/11); 0301-0308* pop mx, popeye skit, s/off w/ R.F. Burns (Valko 3/11).
- 7375 PIR. Samurai R.; 0310 rock mx, said they waited for R. Clandestine to s/off before coming on (Rigas 3/11); live lbx pgm (Valko 3/11).

- 7400 CLAND LV del CID; 0345 SP, LA mx, ID, M&W ancr (Alexander 3/9).
- 7400 PIR. "R. Free Insanity" relaying pgm "R. Flying Dutchman Int'l" of pop, rock and C&W mx, skit about visitors from D.C. (Valko 3/18).
- 7414 PIR. "KQSB Int'l"; *0113-0141*, Frank Furter, Uncle Ralph and parody on Star Trek; ID's and Hilo, HI address; ment 3 kinds of QSLs (Valko 3/19); 0242-0247* EG, ID, rock mx, Hawaii address (Alexander 3/25).
- 7414.7 PIR. V. of Laryngitis; 0048-0112*, off w/seal, ment KQSB (Valko 3/19)
- 7414.8 PIR. The Xtal Ship; 0418-0448*, ancrs "The Poet" and "Radical", address and to tune in next day at 1500 on 14.8 Mhz. (Valko 3/11).
- 7415 PIR "KQRP"; 0202-0332* "broadcasting from a lonely mountaintop", s/off with "Mickey Mouse Club" theme song (7 reporters 3/18, 3/19).
- 7415 PIR. "KTGR"; *0332-0455, rock mx, ment ACE (Rigas & McLemore 3/18).
- 7420 PIR. "KHAM"; 0115-0136* country mx, ID as "KMA music radio with Dr. Y", P.O. Box 3192, Joliet, IL 60434 for QSLs w/3 20¢ stamps, ann'd 7410 and said this was first day of operation (Lausevich 3/23).
- 7426.2 PIR. R. Espirito, 0053-0109* playing hymn (Rigas 3/12). Also heard here on 3/22 at 0340 w/Latin hymns like Vatican -ed.
- 7430 PIR. R. Free Insanity; 0225-0252* old pops w/long Star Wars parody, many RFI ID's; strong but very scratchy! (Foragren 3/19).
- 7464.3 CLAND LV del CID; 0245 SP, pop mx, ID, usual M&W tlk (Alexander).
- 9009 ISRAEL KI; 2001 EG, interview (Hankins-PA 3/23).
- 9020 CHINA RB; 1148-1202 CH with ID on the hour (Bolland-FL 3/17).
- 9022 IRAN V.O.I.R.I.; *1930-1952 EG, IS, ID by W, brief mx, then Qur'an until 1933 w/presumed EG translation by W, ID, ment of pgms, brief mx then news (Valko 3/13); 1948-2024 EG, nx w/hunts of closing straits of Mormuz, ID, "arrogant" power of US, USSR (Enkenhus 3/11); 2006 EG, ID followed by anti-American propoganda and revolutionary songs (Daly-NY 3/11); 0107 unid lang w/two M (Hankins 3/9).
- 9360 NORTH KOREA R. Pyongyang; 2132 EG, chour & mx (Paszkiwicz 3/24); 2115 EG, tlk on economics, trade etc., several ID's (Dickson 3/26).
- 9360 SPAIN REE; 0112-0300 SP, nx, mx to Americas (Hankins, Dickson).
- 9422 PAKISTAN RP; *1700 EG, ID, news; good (Wood-S.Ar. 3/13).
- 9436 PAKISTAN RP; 1900* after Urdu nx summary, "Pakistan zindabad" slogan and anthem; f (Wood 3/9).
- 9440 CHINA RB; *1730 ID, in Turkish, news; //7480 (Wood 3/13).
- 9440 ISRAEL KI; 0100-0505 EG etc. to N.Am. (4 reporters).
- 9450 USSR RM; 0143 SP, parallel to 9470 (Hankins-PA 3/11).
- 9455 EGYPT R. Cairo; 0415 AR, "General Pgm"; //9620 (Daly 4/6).
- 9455 CHINA C.P.B.S.; 1115-1200 CH, unrelenting tlks (Jordan 3/30).
- 9460 GREECE R. Station Macedonia; 2135-2211* GK, Greek mx and national nx at 2200 (Rigas-IL 3/18). Are you sure this is not VOG? -ed.
- 9470 USSR RSP&P; 0000-0030 SP, IS, ID, nx cmtns on C.Am. (Dillon 4/2).
- 9490 USSR "Mayak"; 2210 RS, end of nx, //4765 Cuba (Prath 3/25). RM; 0030 SP, ID etc., into RSP&P at 0100 (Dillon-PA 4/2).
- 9500 U.A.E. R. Dubai; 0230-0404* AR/EG, M.E. mx w/strings & percussion, Qur'an, nx in EG (Jordan 3/6); 0339-0402* EG, identifiable but unreadable co-channel QRM from RBI, another stn, & jammer (Pickard).
- 9505 JAPAN R. Japan; 1109 EG, nx, cmtns, mx (Levison 4/14); 1120 EG, "Current Topics" on underwater cable (Blanchette 3/14); 1304-1320 EG, nx, "Current Affairs", "Current Topics" (Fodge 4/3); 1500-1510 EG, noted news with average signal (Gurley 3/18).
- 9510 GUAM KTWR; 1525 EG, "Dateline Guam" w/interview on antique dolls, ID at 1530, and into "Words of Hope" program; p (Foragren 3/17).
- 9510 ROMANIA R. Bucharest; 0200 EG, nx, cmtnry, discussion (David 3/20).
- 9515 USA BBCWS via Greenville; 0230 on pollution control (Gray 4/6).
- 9515 MALAYSIA RTM Kajang; 1109-1130 Malaysian, W with local pops & annts; 1124 into Qur'an; fair (Bolland-FL 3/27).
- 9535 GUAM KTWR; 1500 EG, "Wesleyan Hour"; fair (Zilmer-NM 4/1).
- 9535 SWITZERLAND SRI; 1900-1945 GM/FR, mx, ID, nx (Dillon-PA 4/1).
- 9540 MADAGASCAR R. Netherlands; 1945-2020 FR, drama pgm (Dillon 4/1).
- 9540 ROMANIA R. Bucharest; *1730 EG to Africa, news (Wood 3/13).
- 9545 ANTIGUA DW; 0140 EG, N.Am. Svc., w/address (Dillon 3/29).
- 9545 LEBANON RL; 1000 AR ID, Muslim sermon; g (Wood 3/16).
- 9550 CHINA RB; *1600 Urdu ID, nx; g, //11685 (Wood 3/13).
- 9554.8 MEXICO "La Hora Exacta", XEQK; 1405-1435 SP, all talk by M ancrs w/time tick, TC, and ID every minute; jingles occasionally by women and "Este es la hora de..."; fair w/het (Valko 3/13); 1506 SP time annt & pip each minute (Rigas 4/1); 1600-1615 SP, time given every minute between commercials (Gurley 3/17).
- 9560 GERMANY E. RBI; 0235-0417 EG to N.Am., propoganda (4 reporters).
- 9565 NORWAY RN; 0335 NW, presumed call-in pgm and EG ID (Vadino 3/11).

- 9570 S. KOREA R. Korea; 1400 EG, fqy sked, nx; to S.E.As. (Zilmer 4/5).
- 9570 SPAIN REE; 2020 SP, ID, cultural pgm: Spanish opera (Dillon 4/1).
- 9575 PORTUGAL RP; 0530-0558 EG, Soviet cmnt on US base (English 3/31).
- 9580 JAPAN R. Japan; 1958 JP/EG, IS, ID (Schulze 4/3). Program? -ed.
- 9585 USA WRNO; 0805-0820 EG, rock w/toll-free request line (Fodge 3/25) -
- 9600 USSR R. Moscow W.S.; 1200, ID, world nx — I thought R. Tashkent was supposed to be on now (Dillon 3/30). Maybe so, but that was during the winter broadcasting season, which ended in March! -ed.
- 9610 IRAQ R. Baghdad; 2130-2210 EG, heavy QRM (4 reporters); 1845-1930 AR, "Sawt al Jamaher min Baghdad", tlk about Iran (Dillon 3/24).
- 9610 MONTE CARLO TWR; *1700 IS, EG ID, into HG rel; f (Wood 3/8).
- 9615 SEYCHELLES FEBA; 0314 SH, IS, W w/ID, rel pgm (Park-HI 3/27).
- 9625 KOREA N. RP; *1900 IS, into Korean nx; g, //9977 (Wood 3/9).
- 9625 NORWAY RNI; 0559 NW, IS, W w/EG & NW ID's, nx (Park-HI 3/28).
- 9640 USSR RM; 0200 EG, news Soviet style (Hankins-PA 3/11).
- 9660 AUSTRALIA ABC-Brisbane; 0838 tune/in EG w/racing results, into mx 0340, ABC National News 0900 followed by Queensland nx (Alpert 3/13)
- 9675 PIR. R. Clendestine; 1500 EG, novelty songs (Paszkievicz 3/18).
- 9680 BRAZIL R. Nac. da Amazonia; 0930 PT, real big sig! (Jordan 4/4).
- 9685 ALGERIA R. Algiers; 2000 EG, nx, mx (Schulze 3/16); 2010-2030 EG, nx about Namibia, ID, pop mx pgm w/mx by Diana Ross; heard //9640, 17745, and 15215.7 but ann'd 9510, 9640, 15160, 17745 (Alexander).
- 9685 ALASKA KNLS; 0730-0800+ EG, DJ w/"Big Countdown", devotional messages, ad for World Bible School; v. good (Jordan 3/21).
- 9685 USSR RM; 2200 EG, "N.Am. Svc.", IS, ID, s/on (Dillon 4/1); 0030-0100 EG, "R. Kiev", news, comment (Weinhold 3/23).
- 9734 PARAGUAY R. Nacional; 0902-1035 SP (Park 3/13, Bobb 3/15, Levinson)
- 9745 CAMEROON RC; 1958-2011 FR, high-life Afro vocals to 2007, ID's, into some talk pgm; pretty good signal w/QRM (Valko 3/13).
- 9745 KOREA N. RP; 1152-1250* EG (Jordan, Enkenhus 4/1, Fodge 4/3).
- 9749 TANZANIA RT; 1900-1930 EG, nx, ID, M.E. mx (Mayer-PA 3/24).
- 9760 AUSTRALIA RA; 0730 EG, nx ment. Papua, N.G., mx (Witzig 3/16).
- 9770 AUSTRIA ORF; 0146-0202 EG, sports nx, features (Enkenhus-MD 3/6).
- 9780 NORTH YEMEN; R. Sana'a; 0315 AR, Qur'an (Green 4/5).
- 9790 FRANCE RFI; 0458 FR, accordion mx, time pips, theme (Park 3/31).
- 9815 ISRAEL KI; 0225 EG, fqy & pgm time listing, s/off (Daly-NY 3/23).
- 9895 HOLLAND RN; 0230-0450+ EG/SP/DT tests (4 reporters).
- 9905 BELGIUM BRT; 2221-2245* EG, "Radio World" dx show (McLemore 3/11).
- 9912 INDIA AIR; 0103 EG, nx, ID, cmnt, Indian mx, 0115* (Vadino 3/12).
- 9925 BELGIUM BRT; 0030 EG, replaces 5980; //11620 (Zilmer 4/4).
- 9977 KOREA N. 1128-1210 EG, nx & mx (Green 3/28, Cobb 3/7, Dillon 3/30).
- 9800 KUWAIT RK; 0415 AR, nx headlines, //6055, 15345 & 15495; then carried Qur'an sce. and were not //; good (Wood 3/14).
- 9805 EGYPT R. Cairo; 2230-2245* EG, M.E. mx, headlines, NA (Mayer 4/7).
- 9862 PAKISTAN RP; 1345 Urdu ID, nx; g (Wood 3/15).
- *9988 PERU Estacion 2000; 0119-0255 SP, mixed mx w/ amnt by W after every song; ID briefly at 0158; heard daily when conditions right (Valko).
- 10010 VIETNAM VOV; 1345 VT ID, home svc., not //10050 (Wood 3/15).
- 10040 VIETNAM VOV; 1810 EG, nx, Viet mx, ID, woodpecker QRM (McKellar).
- 10060 VIETNAM VOV; 1345 VT, folk mx, not //10010 (Wood 3/15).
- 11101 CLAND LV del CID; 1820-1840 SP, ID, LA mx, chimes (Alexander 3/10); 1239 SP, "Desfile musicale" pgm, several ID's (Rigae-IL 3/14).
- 11600 CHINA RB; 1015 EG, "Listeners' Letterbox" answering mostly US letters (Park 3/11); 2254* PT, s/off w/ID (Prath-FL 3/18).
- 11615 GREECE VOG; 1710 GK talk, ID, //9460 (Wood 3/15).
- 11620 BELGIUM BRT; 0030-0042 EG to N.Am. (Hankins 4/3, Zilmer 4/1).
- 11620 INDIA AIR; 1300 EG, nx (Green 4/1); 2018 EG tlks (Levison 3/22).
- 11630 USSR RM; 1800 FR, W with freqs, IS, nx (Park 3/26).
- 11645 GREECE VOG; 1923 EG/GK/FR, news in each language (Dillon 3/29); 0100-0145 EG/GK to N.Am., news bulletins (3 reporters).
- 11655 ISRAEL KI; 2015 EG, upcoming elections, into FR at 2030 (Dillon 3/31); 0100 EG, world & regional nx (Jones 3/19); 0200-0224 EG, summit meetings, peace treaty w/Egypt anniversary soon (Bonnett 3/31 0215 EG, ID by W & into FR at 0230 (Gray-MI 3/31).
- 11675 KUWAIT RK; 1945 EG, rock mx, "March of Time" on major events in Kuwait during 1983 (Dillon 3/29); 3030-2059* EG, M plays British humor and rock 'n' roll records (Witzig 3/19); 2050 EG, pop mx, s/off amnt & anthem at 2059 (Alpert 3/10).
- 11685 CHINA RB; *1600 IS, ID, Urdu news; g, //9550 (Wood 3/13).
- 11695 MONTE CARLO TWR; 1515 IS, ID then into pgm in lang (Zilmer 4/1); 1515 ID in EG then into rel pgm to 1530 (Hankins 3/30).



LOG REPORT

section D

11700 and above

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- 11700 DOMIN. REPUBLIC R. Clarin 2135-0155 in SP, freq. ID (Levison, McKellar, Hankins, Dillon)
- 11705 USSR RMWS in EG at 1749, ID, mx, address (Dillon 3/29)
- 11705 WEST GERMANY DW in GM 1252-1301, "My Way" sung in GM, IS, TC, ID, nx, vg-exc sig, (McLemore 3/14)
- 11705 JAPAN R. Japan in EG beam to Afr at 2015, f (Zilmer 3/25)
- 11705 SWEDEN RSI in SP & SW 0154-0201, ID, IS, f-g (Bobb 3/21) "Sweden Calling DX'ers" at 0245 in EG (Hankins 3/21)
- 11710 SWEDEN RSI 2300-2330 in EG, Mailbag, IS, ID (Mayer 3/11, McKellar)
- 11715 SWITZERLAND SRI in PT 2300-2315 to Brazil (Mayer 4/7) "Friday Dateline" fr 0143-0210 in EG (Bobb 3/17)
- 11715 ARGENTINA R. Nacional 0030 in SP, mx, vocals (Levison 4/2)
- 11720 AUSTRALIA RA all EG 0635-1347 (Gorley, Dillon, Fodge 2/16-3/30)
- 11720 CANADA CBC Northern Quebec SW Service 1715, FR & Eskimo (Dillon)
- 11730 SOUTH AFRICA RSA 0214-0255 in EG, "Africa Today", g (Bonnet 3/29)
- 11730 NETHERLANDS RN in AR at 1855-1920, AR mx, ID, f-g (Dillon 3/18)
- 11730 UNITED ARAB EMIRATES UAER in AR & EG 0328-0340, nx, wx, ID, TC, "Be My Guest" talk show, weak, QRM fr WYFR (Daly 4/6, Park 3/26)
- 11735 MADAGASCAR R. Nederland 2143 in IN, mx in EG, QRM (Park 3/11)
- 11740 USA VOFC via WYFR in EG 0202-0235, nx, spec feat (Hankins, Burnell)
- 11740 NETHERLANDS RN *1830-1920* in EG "Happy Station" (Weinhold 3/12)
- 11745 USSR RM 1758 in FR, ID, IS bells on the hr, list of freq & targets -Europe and Africa (Dillon 3/29)
- 11750 AUSTRIA ORF *2000 IS, 4 lang ID, into SP nx, new freq, ex 11755, g (Wood 2/28)
- 11750 SINGAPORE BBC relay 1035-1100 in EG, mx, ID (Bobb 3/20)
- 11750 UNITED KINGDOM BBC London hrd at 1047 (Blanchette) & 1720 (McKellar)
- 11750 USSR RMWS in EG 2215 (Mayer 3/11) & 0100 (Hankins 3/20)
- 11755 JAPAN R. Japan via Sines relay 2200-2208 in JP & EG, p (Jordan 3/24)
- 11760 AUSTRALIA RA 0930 in CH, CH top 40 in mx, // 7135 (Park 3/12)
- 11775 ANTIGUA BBC relay 1720 in EG "The Arts in Britain" //11805 (Dillon)
- 11780 USSR RM in EG 0230-0240, propaganda & mx (Hankins 3/21, Dickson 3/26)
- 11790 USSR RM in EG 0044 pgm on cultural achievements (Hankins 3/20)
- 11790 INDONESIA Voice of Indonesia in EG 1531, mailbag, exc (Vadino 3/4)
- 11795 WEST GERMANY DW in GM 0230, warm GM mx (Hankins 3/21)
- 11800 ITALY RAI in EG *1933-1955*, IS bells, ID, nx, opera (D'Angelo 3/17)
- 11800 SEYCHELLES FEBA in SH to 0358, into EG at 0400 (Park 3/11, Green 4/5)
- 11810 KOREA RK in KR 1900* KR nx summary, melody, ID, g (Wood 3/4)
- 11810 USSR RMWS in EG 2040, tk on Soviet agriculture (Dillon 3/31)
- 11810 WEST GERMANY DW in SP, "La Voz de Allemagne" at 0230 (Hankins)
- 11810 IRAQ Sawt ul Jamaheer 0900 TS, ID, AR nx, //9505, 9520 (Wood 3/2)
- 11820 SAUDI ARABIA BSKSA 2000 march, AR ID, nx, g (Wood 2/28)
- 11825 AUSTRIA ORF in EG 1500, nx fr Austria, world nx, g (Zilmer 4/5)
- 11825 MOROCCO R. Mediterranean Int in AR/FR 1854, AR mx to the hr, then ID in FR, adv, rock mx, ann "Mediterranee 1", QRM fr VOA (Stephany)
- 11830 USA WYFR in EG at 1745, relig tks, ID, vg (Dillon 4/1)
- 11835 SRI LANKA SLBC 1110-1130* in EG, ID, f (Cobb 3/29)
- 11835 URUGUAY R. Espectador 2305-2330 in SP, nx, chimes between items, ID's at 2306 & 2300, ads, promos (Bobb 3/29, Jordan 3/22)
- 11840 POLAND R. Poland *1700 IS, ID in PL, into AR ID, nx, f (Wood 3/2)
- 11840 USSR RMWS in EG 1500, Chernenko on US terrorism in CA! (Hankins)
- 11845 SWEDEN RSI *1800 IS, into FR nx, sports, g (Wood 3/3)
- 11850 SPAIN REE 2100 in SP, ID, nx, rpts on CA, f (Dillon 3/3)
- 11855 USA WYFR in EG at 2237 (McLemore 3/29) and 0230 (Park 3/31)
- 11860 USSR RMWS 1835-1910 in EG //11840, nx, ID (Dillon)
- 11865 TURKEY Voice of Turkey 2245-2250 in EG, mx (Fodge 3/29)
- 11870 TURKEY Voice of Turkey in EG 2200-2250, ID, nx on local elections, TK mx (Jordan, Weinhold, Dillon, McLemore, Levison)
- 11870 NORWAY RN 0038-0059 in NO, nice mx, strong sig +40 (Hankins 3/21)

- 11875 NORWAY NRK *1955 in NO, EG ID, 2000 into NO nx, f, jam (Wood 2/28)
- 11890 PHILIPPINES FEBC 0920-0933 in EG, rel pgm, QRM Bonaire (Muzyka 3/24)
- 11900 USSR RMWS in EG 1545, this freq // R. Havana relay 11840 (Prath 3/25)
- 11905 TAIWAN CBS in CH 1315, dictation nx, ID, g (Wood 3/2)
- 11905 ALBANIA R. Tirana *1700 IS, FR ID, nx to Africa, //9500 (Wood 3/13)
- 11910 SWITZERLAND SRI 2157-2215 in EG, into GM at 2215 (Dillon 3/31)
- 11910 HUNGARY R. Budapest 1415* in EG, DX pgm (Hankins 3/30)
- 11920 GUAM KTRW 1530-1600* in HD, soft-spoken rel pgm, p (Pickard 4/3)
- 11930 CUBA RHC 0100-0130 in EG, nx fr El Salvador (Dickson 3/7) also reported in EG by (Hankins & Dillon)
- 11938 KAMPUCHEA VOPK *1200-1216 in EG, s/on w/brief instr mx, then ID by YL as "This is the Voice of the People of Kampuchea...", into nx by OM. One Asian song til 1212, then silence and ID by M in FR. Sig not very gd but best hrd in some time (Valko 3/2)
- 11940 ROMANIA R. Bucharest in SP at 0049, nx (local) (Levison 3/25)
- 11955 SWEDEN RSI 1700* off in GM after nx summary, ID, g (Wood 3/13)
- 11955 FRANCE RFI PT until 2230, into FR, ID thereafter, g (Dillon 3/31)
- 11955 UNITED ARAB EMIRATES UAER Dubai 1900-1930 in AR, AR mx & ID (Dillon)
- 11960 NEW ZEALAND RNZ 0600-1209* in EG, nx, mx, features, sports (Bobb, Witzig, Fodge, Jordan, Summers)
- 11965 FRANCE RFI 1800-1840 in FR, rock mx, ID 1830 (Dillon 4/1)
- 11965 USA WRNO New Orleans 2340 in EG, Rockers Request Line (Alcorn 2/20)
- 11985 KOREA PDR R. Pyongyang *1800 IS, into KR nx, g (Wood 3/3)
- 11990 KUWAIT R. Kuwait 1930 in AR, ID, QRM fr Prague in AR (Dillon 3/23)
- 11995 FRANCE RFI hrd 2230-0130 all FR, also at 1657* with IS (Wood, Hankins, Dillon)
- 12000 HUNGARY R. Budapest *1700 IS, into EG to "Europe and Scandinavia", QRM from R. Moscow, f (Wood 3/13)
- 12010 USSR RM via Komsomolsk 0423-0439 in EG, Moscow Mailbag (Sharpe 4/2) "British Service" in EG 2000-2100, joined RMWS 2100 (Alpert 3/9)
- 12020 AUSTRIA ORF 1830 in EG //11660 beamed to E Africa (Zilmer 4/3)
- 12027 ISRAEL KI 1820 in Yiddish, tk, nx, mx, g (Zilmer 4/3)
- 12050 EGYPT R. Cairo 1935-2100 in AR, AR mx, chimes 2000 & 2020 (Dillon)
- 12070 USSR RM 1615-1640 in AR, IS at 1630, world nx, ID's (Dillon 3/17)
- 13720 ISRAEL KI 2140 in HB, Home Service, light pop mx //9385 & 11590 exc sig (Prath 3/25)
- 13745 ISRAEL KI 2230 in EG, USB mode, nx //12027, f (Zilmer 4/3)
- 13797 ICELAND ISBS *1830-1945 in Icelandic, spts rpt, mx, ID at 2002* (Alcorn 2/20, Summers 2/15)
- 15049v CLANDESTINE (USA) VO Laryngitis(?) *2329-2357* open with barking seals, rock mx, comic ads, f to p (Cobb 3/17, Arthur 3/17)
- 15110 KUWAIT RK 1300 in AR, ID, nx //9840, 11990, 15495 (Wood 3/2)
- 15110 SAIPAN KFBS 1530-1708 in EG, JP, KR, test xsmn (Park 3/30, Sharpe 4/1)
- 15120 VATICAN CITY VR *1700 in AR after IS bells, //11810 & 17730 (Prath)
- 15120 SRI LANKA SLBC 1117 in EG, "Power of the World" broadcast from Calvary Church, Pomona, f to p (Park 3/8)
- 15125 CHINA R. Beijing *1800 IS, Hausa ID, nx, g (Wood 3/5)
- 15135 USSR RMWS 1400 in EG, nx, political tk, //15150, 15185, 15435 (Prath)
- 15135 CHINA R. Beijing *1030-1045 in IN to SE Asia, //12450 (Jordan 3/24)
- 15140 CHILE R. Nacional Santiago 0038 in SP, mx, vocals, ann (Levison 4/4)
- 15150 CANADA RCI 2130-2200 in EG, SW Digest, nx (Gorley 3/10)
- 15150 INDONESIA RRI Jakarta 0643 in IN, Gamelan mx w/singing, full ID at 0651, QRM fr R. Australia and jamming (Park 3/27)
- 15155 ECUADOR HCJB 0100-0345 in EG, nx, drama, gospels (David 3/24, Hankins 3/20, Hawk 3/15)
- 15155 EGYPT R. Cairo 1650-1730 in Somali, AR mx, chimes at 1700, ID, nx, Koranic chants, comments on Afr (Dillon 3/29)
- 15170 USA WYFR Family Radio 2045 in EG, pgm "The Sky is Falling" (Alcorn)
- 15175 CUBA R. Havana 1910-1930 in FR, nx, ID, telephone interview (Dillon)
- 15180 FRENCH GUIANA? RFI relay 2115-2300, BBCMS thinks this is in Guiana, nx magazine, IS, ID, IS, pgming in FR/SP, blotted out at 2300 by R. Beijing (Stephany 3/12, Alpert 3/10)
- 15185 SOUTH AFRICA RSA 1800 in FR, nx, pgm about tribal dances (Park 3/26)
- 15185 NIGERIA VON 0700 in EG, ID, nx, E Afr xsmn, drums IS, not //15120 (Wood 3/2)
- 15190 SAIPAN KYOI 0315 in EG/JP, top 40 "Super Rock" (Vadino 3/11)
- 15190 CANADA RCI 0101-0200* in EG/FR, nx, commentary (Hawk 3/17, Hankins)

- 15195 JAPAN RJ-MHK 0145-0245 in EG, nx, //17825, 21610, 21640 (Zilmer 4/4)
- 15200 GABON Africa No. 1 0630-0700 in FR, FR & Amer disco, ID at 0649, "Afrique Numero Un", tk about soccer, g (Dillon)
- 15235 LIBYA Sawt ul Watan al Kebir 1830 AR tkl by Gaddafi attacking Pres Reagan, //17930, g thru VOA QRM (Wood 3/5)
- 15240 USSR R. Vilnius *2200-2230* in EG, mailbag, Lithuanian mx, pgm reviews, tkl on US budget deficit (Jordan 4/1, Dillon 4/1)
- 15240 AUSTRALIA RA 0700 in EG, 10 kw., nx (Wood 3/15)
- 15260 EGYPT R. Cairo 1830 "Aida" melody, FR ID, nx, g (Wood 3/5)
- 15265 FINLAND RF 0659 in EG, "Sunday Best", QRM fr VOFC (Park 3/25)
- 15270 BRAZIL Radiobras? Reported at 1959 in FR? with IS & s/on ann, heavy QRN & rapid fading (Park 3/27) ED: Brazil in FR would be a first for me. Has anyone else hrd this one?
- 15270 USSR R. Havana relay, 1700 FR ID, nx, g (Wood 2/29)
- 15275 WEST GERMANY DW 1940-2005 in GM, mx, nx, g (Dillon 3/31)
- 15285 PORTUGAL RP 1505-1701 in PT, Futbol match, "Star Wars" like sound effects whenever a goal was scored, g (Dillon 3/25)
- 15300 UNITED ARAB EMIRATES Dubai 1528-1624, AR pgm w/bagpipe mx!, into EG w/ID at 1548, QRM fr RFI after 1600 (Enkenhus 3/25, Zilmer 3/29) also hrd in AR 1715-1900 (Dillon 3/23)
- 15300nf CUBA RH 0118-0200 in EG w/usual anti-US propaganda, Cuban mx, mailbag, essay contest, freq ID's (Enkenhus 3/11, Dickson 3/2) ED: My log shows that RH hasn't used this freq since 1974.
- 15300 JAPAN RJNHK *0655 IS, 0700 into EG nx, //15235, f w/QRM fr RFI, (Wood 3/2) also hrd in EG at *1900, nx, p (Burnell 3/4)
- 15300 FRANCE RFI 1630-1655 in EG, "Paris Calling Africa", nx, "Women's Magazine", comm on situation in Sudan, g (Dillon 3/24)
- 15315 GABON R. Japan relay *0356-0432, EG/JP/RS, open carrier with occasional snatches of US pop mx until s/on. At 0356 RJ's ID in EG & JP, then into RS on the hr, no specific ref to a Gabon relay sta in ancmts (Cunningham & Stephany 4/2)
- 15325 SEYCHELLES FEBA *1315 IS, Tamil, relig, //11865, g (Wood 3/2)
- 15330 USA VOA Bethany AFRTS 2220 in EG to Caribbean (Blanchette 3/24)
- 15333 COLOMBIA R. Nacional 0330 in SP, mx pgm, QRM fr 15345 (Park 3/29)
- 15345 KUWAIT R. Kuwait 0700 in EG, ID, nx, f (Wood 3/15)
- 15355 CANADA RCI 1540-1555 in FR, ID, pop mx, g (Bobb 3/20)
- 15365 CANARY IS. REE (Spain) relay 0125-0201 in SP, "Panorama Economico" pgm for LAm, ID, g (Enkenhus 3/13)
- 15365 USA WYFR Family Radio 2325 in EG w/the "Family Radio Share-a-thon" QRM jammer on 15355 (Park 3/30)
- 15368 EGYPT R. Cairo 0215 in EG, nx by soft-spoken W (Hankins 3/20) also rptd on 15370 at 0228 in EG //9475 (McLemore 3/17)
- 15385 ITALY RAI 1830-1907* in IT, piano mx, ID 1905, bird IS, g (Dillon)
- 15385 CHINA R. Beijing 0000 in EG, nx about China, f (Zilmer 4/3) also rptd at 0230 in EG, recipes for Wok frying (Hankins 3/20)
- 15390 SWEDEN RSI 0700 in SW, nx, ID, g (Wood 3/2)
- 15390 AUSTRALIA RA 0700 TC, ID, nx, f (Wood 3/15) 2331 nx (Levison 4/13)
- 15400 IRAQ Sawt ul Jamaheer 1640 AR ID, political interview, g (Wood 3/13)
- 15410 USSR R. Kiev *1700 IS, into GM, ID, list freqs, g (Wood 3/11)
- 15430 FINLAND RF 0530 in EG, nx, emphasis on Nordic countries, g (Wood)
- 15435 TURKEY VOT 0530 in TK, Islamic sermon //15220, g (Wood 3/15)
- 15440 USA WYFR Family Radio 1330 in SP, children's story, mx (Dillon 4/1)
- 15455 USSR RM 0130 in EG, tk on job training (Dickson 3/16)
- 15470 USSR RM (Far East) 0715 in EG, tk about USA & Japan being blamed for shooting down of KAL 007 (Park 3/8)
- 15495 KUWAIT R. Kuwait hrd at 1535 & 1715 in AR, ID's, "Huna al Kuwait" AR mx, call to prayer 1622 (Prath 3/25, Dillon 3/24)
- 15520 CHINA R. Beijing widely rptd in EG fr 0000-0156* (Prath 3/17, Bonnet 3/23, Dillon 3/27, Dickson 3/16, Hankins 3/22)
- 15525 USA WYFR relay of Taiwan 1430 in EG, Sounds of the New Life (Zilmer)
- 15560 NETHERLANDS R. Nederland 1535-1620 in AR, world nx, g (Dillon)
- 15560 NETHERLANDS ANTILLES RNW relay at 2237 in DT, church svc (Park)
- 15570 MADAGASCAR RNW relay at 1535 in DT, nx, QRM (Park 3/30)
- 17386 INDIA AIR *0955 IS, 1000 into EG to NE Asia, ANZ, freq anncd as 17387, //15170, 15320, 17705, 17875, g (Wood 3/16)
- 17532 CHINA R. Beijing 0330 in RS, reversed-tape tx by M&W, p (Park 3/20)
- 17605 CHINA R. Beijing 0420 in CH, children's story, g (Wood 3/14)

- 17705 CUBA R. Havana 1744 in SP, mx, IS, ID at 1800 (Dillon 3/31)
 17710 AUSTRIA ORF 1833 in EG, nx, comparing Austria & Australia, wood-
 pecker QRM (Paszkiwicz 3/24)
 17715 NORWAY NRK *1755 IS, 1800 into NO nx, f, QRM fr BBC in AR (Wood 3/15)
 17735 RADIO FREE EUROPE W. Germany 1545, heavy metal mx, nx, ID 1600,
 "Radio Europa Liberia" (Lannuier 2/18) language?
 17750 CUBA R. Havana 1805 in SP, nx, ID (Dillon 3/31)
 17780 ITALY RAI 1700 in IT, nx, ID, g (Wood 3/13)
 17800 NORWAY NRK *1555 IS, into NO, ID in EG, NW nx, g, QRM: VOA (Wood)
 17810 ANTIGUA DW relay 2036-2100 in GM, IS, light mx, f-g QSB (Bobb 3/20)
 17810 JAPAN RHNHK 0107-0130* in EG, nx, 0112 ID, QRM fr WYFR (Enkenhus 3/6)
 17825 NORWAY RN 1044 in NO, nx, g (Blanchette 3/28)
 17830 ASCENSION ISLAND VOA/BBC relay 1020-1101 in PT, "Panorama Infor-
 macio" pgm on presidential candidates, other features, ID in EG at
 1059; into bbc at 1100, //21490, g (Enkenhus 3/29)
 17850 SWITZERLAND SRI *1815-1830 in EG, IS, ID, TC, nx, QRM-WYFR (Mayer)
 17870 LIBERIA VOA relay 1634 in EG, sports, mx (Levison 4/5)
 17870 USSR V of Yerevan 0340 in AM & EG, IS then ID "Yerevanne Khosum"
 then into mx pgm, vg (Laskowski 3/21)
 17870 UNITED KINGDOM BBC London *1300 IS, into GK, ID "Edho Londhinon"
 nx, g (Wood 3/5)
 17880 ASCENSION ISLAND BBC relay *1555 local ID, 1600 into EG nx to Afr, (Wood 3/9)
 17895 SAUDI ARABIA BSKSA 1900-1910 in AR, AR mx, p (McKellar 3/27)
 17895 ECUADOR HCJB 2000 ending SP drama, TC, ID in SP, g (Wood 3/5)
 17910 QATAR RQ 1630 AR nx of Qatar, g (Wood 3/15)
 17940 LIBYA V of the Sudanese Popular Revolution (Clandestine) 1625-1730*
 in AR, mx, speeches, AR mx, ID (Westphal 4/2, Dillon 3/31)
 21470 UNITED KINGDOM BBC London 1315 nx & world service (Hankins 3/21)
 21470 PAKISTAN RP 1300 AR ID, nx, 1315* //17640, f, QRM-BBC (Wood 3/8)
 21490 ASCENSION ISLAND BBC/VOA relay: VOA relay in SP at 1315, sports,
 nx, ID, g (Wood 3/8); also hrd at 1118 w/nx (Levison 3/29)
 21490 USSR Peace & Progress 0159 in CH, IS, ID's, nx, f (Park 3/20)
 21500 RWANDA DW relay 1005 in EG, "Panorama" pgm, f-p (Park 3/9)
 21525 USA WYFR Family Radio 1903 in SP or PT (?) ED: Neither lang listed
 this time slot in WRTH. Pop mx, gospel mx (Hankins 3/16)
 21530 SOUTH AFRICA RSA *1755 IS, EG ID, 1800 into GM mx, g (Wood 3/15)
 21530 SAUDI ARABIA BSKSA 1055 IS, 1100 into IN, Qur'an, nx, g (Wood 3/4)
 21550 GABON R. Japan relay fr Moyabi widely reported w/s-on at 1500 &
 1600-1605 s/off. Pgm in EG & JP. Receptions f to p. Pgm includes
 IS, ID, nx, tks, list of RJ freqs. Moyabi reportedly relays RJ
 on a regular basis (Pickard 4/2, Stephany 4/7, Dillon 4/3,
 Jordan 4/2, Zilmer 4/3)
 21560 UNITED KINGDOM? BBC 1900 in RS, several ID's as "Govorit London"
 w/nx, commentary (Prath 3/25) ED: Can anyone else confirm this
 logging not listed in WRTH?
 21570 PORTUGAL RDP 1000 PT nx, ID, beamed to FE, g (Wood 3/16)
 21575 GABON R. Japan relay also rptd this freq at 0720 in EG, //17810
 "Japan Cyclopedica" & "What's on RJ", (Park 4/2)
 21580 FRANCE RFI 1330 in FR, //21595, 21620, 21645 (Hankins 3/21)
 21665 ROMANIA R. Bucharest *0645 IS, into EG for ANZ, nx, g (Wood 3/15)
 21690 SWEDEN RSI *1200 IS, into GM ID, nx, g (Wood 3/15)
 21690 ITALY RAI 1642 in Somali, nx, IS birds chirping (Hankins 3/9)
 21695 CANADA RCI 1900-1958 in EG, nx, wx, spts (Hankins 3/16, English 3/25)
 21700 SWEDEN RSI 1400 in EG, replaces 17850 & 17860, f (Zilmer 3/27)
 21705 FRANCE RFI 1345 in FR, //21620 (Prath 3/17)
 21730 NORWAY RN 1709-1730 in EG w/"Norway Today", g (Enkenhus 3/18)
 21761 PAKISTAN RP 1010 in IN, ID, nx, g (Wood 3/16)
 21765 PAKISTAN RP 0530 EG cricket commentary Pak/England, g (Wood 4/2)
 25800 USA VOA Bethany *1558 in Hausa beamed to W Afr (Prath 3/18)

There was such a deluge of log reports this month that it was necessary to omit most items reported in the April issue. Please check last month's Log D for total update.

ED NOTE: Last minute item, 4/21: Radio Norway noted on new frequency 15.220 with sign off at 1645 with ID's in EG and NO.

Thanks for all the careful reports all of which are a credit to the members sending them in. Rare DX gets priority in the listings but all items will be listed unless they were included in the previous month's issue

LOG

FRENDX

REPORTERS

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Samuel Alcorn, Morrisville, PA (DX200, ICF6500W); Brian Alexander, Mechanicsburg, PA; David Alpert, New York, NY (SPR4, ICF2001); John T. Arthur, Pahoia, HI (R388); Marion Blanchette, Thonotosassa, FL (DX100, R600); Norman Bobb, Minneapolis, MN (R600, XCR30, ICF2001); Charles Bolland, Lakeworth, FL (R70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX400); Paul Brouillette, Hazelwood, MO (DX160); Jean Burnell, Ottawa, ONT (Eddystone 840C); Richard Cassidy, Logansport, IN (R1000, ICF2001); Ken Cobb, Portland, ME (RF4900, RF2800); Larry Cunningham, Columbus, OH; Thomas Daly, Pomona, NY (FRG7700); Richard D'Angelo, Wyomissing, PA (R70, NC190, RF2900); Ronald David, New York, NY (DX160); Richard Dickson, Goshen, OH (DX302, XCR130); Peter Dillon, Philadelphia, PA (DX400, Zenith 3000-1); Don English, El Paso, TX; Kurt Enkenhus, Silver Spring, MD (NRD515); Marlin Field, Hillsdale, MI (SPR4, SX100); Melvin Flanagan, Charlottesville, VA; David Fodge, Coralville, IA (FRG7); Ray Forsgren, Chippewa Falls, WI (SW717); Karl Forth, Chicago, IL (HQ160, R70); Neil Gillis, Reading, MA (R70); Jerry Green, Maryville, TN (FRG7700); Ted Gurley, Beaumont, TX (R600); Art Hankins, Greensburg, PA (R1000); Michael Hawk, Hampton, VA (GE World Monitor II, XCR30); Brian L. Jones, Houston, TX (R70); Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Paul Lannvier, Closter, NJ (DX160); Tom Laskowski, South Bend, IN (ICF2001); Arnold Lausevich, Milwaukee, WI (HQ180C, RF4800); Jerry Lineback, Conroe, TX (R7); Bill Mayer, Allentown, PA (DX200, TCS12); John McKellar, Mountain View, CA (DX160); Travis McLemore, Clearwater, FL (FRG7); Don Moore, Santa Barbara, Honduras (FRG7mod, ICF7600); Bill Muzyka, Woodside, NY (RF4900); Dale Park, Honolulu, HI (ICF6700) Sheryl Paszkwicz, Manitowoc, WI (DX302, DX400); Wilder Pickard, Evanston, IL (R7, XCR30); John Prath, Ft. Lauderdale, FL (FRG7000, FRG7, RF4900, DX160); Christos Rigas, Chicago, IL (R2000); Roland Schulze, Stuttgart, FRGermany (R70mod, R7000mod, R6C); Bryan Sharpe, Castro Valley, CA (DX302); Steve Summers, Mechanicsburg, PA; George Vadino, Bellevue, WA (RF4800); Dave Valko, Dunlo, PA (DX160, FRG7, R388); Terry Weinhold, East Earl, PA (R1000, SPR4, HQ180A); Michael Westphal, Alden, NY; Eric Witzig, Annandale, VA (R1000); Richard E. Wood, Abha, Saudi Arabia (R7, R1000); Robert Zilmer, Rio Rancho, NM (R1000, ICF5900W).

NOTICE: Rob Harrington of the Colorado DX Club announces the following schedule for meetings which will be held at his apartment from 1700 to 2130 GMT: May 20, June 17, July 14, and August 26. For more information contact Rob at P.O. Box 3434, Littleton, CO 80161.

FOR SALE: Hammarlund Super-Pro in excellent condition. Manuals included. Price \$125.00. **ALSO:** National WRR-2 (FRR-59) general coverage receiver. Very high quality set. Price \$225.00 with cart. Dan Burbach, 14418 East Rutgers Circle, Moorepark, CA 93021. Phone (805) 529-2243.

FOR SALE: McKay-Dymek DR55 18 month old. Bandwith 8, 4, and 2.8 kHz. Very fine receiver. Price \$400.00 or best offer. James Francis, 1403 New York Avenue, Apr. 4D, Brooklyn, NY 11210. Phone (212) 941-2787 after 1900.



Association of North American Radio Clubs

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NEWS STORY: FOR IMMEDIATE RELEASE

HEADLINE: ANARC 1984 CONVENTION

This coming July, hundreds of hobbyists will be gathering in Toronto, Ontario, Canada to talk about radio. The hobby is called DXing - and it means picking up rare and distant stations from around the country to around the world. The Association of North American Radio Clubs sponsors its annual convention each summer for DXers who listen to every possible radio broadcast - including longwave, medium wave, shortwave, FM, TV and utilities. It's an exciting weekend for anyone interested in the world of radio.

This year's convention will be sponsored by the Ontario DX Association and the activities will be held from July 20 to 22 at the Ramada Renaissance Hotel in Toronto. Included in the weekend's activities are seminars on all kinds of radio listening, displays from manufacturers of hobby equipment, forums with broadcasters from around the world, along with an emphasis on seeing the sites of beautiful Toronto.

For registration information and a schedule of activities, write to ANARCON 84, P.O. Box 232 - Station Z, Toronto, Ontario, Canada, M5N 2Z4. When you write, send a self-addressed envelope and a first-class stamp (do not affix the stamp to the envelope). For those outside North America, please include 3 IRCs.

See you in Toronto!

HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$2.50 each or any 5 for \$1.00; RFI (red) (blue) (cir.), KWK, CKRD (large) (small), WAZU, K9BX, CFUN, KWK, CPRA, CKUA, CFRN, CKGY, Radio 210, Disco-99, Amateur Radio, WJNC, RCI, Radio Vatican (small) (semi-cir) (square), ANARC, CFTI, RNE, WDR (rock), (small), Radio 270, 55-Country, Radio Derby, Rete Quattro, Polskie Radio, ORF, Radio Budapest, Metro Radio, K301, KPNW, KDKD, WCPFL and WINS.

HAP BID ITEMS: ITEM #508: Radio Canada QSL card (4x7") m/c. #509: Radio Tees (UK) "Tickles Me" sticker (2.5x11") m/c. #510: CEREDX (Spain) sticker (2.5x4.5") B&W. #511: RCI QSL card "WARC-79" (4x6") m/c. #512: RCI QSL card "XXI-Olympiad" (4x6") m/c. #513: Manx Radio (Isle of Man) QSL card (4x7") B&W. #514: Cleveland Area Cable TV cloth arm patch (3" cir) blue, white. #515: RCI QSL card "WDXHAP" (4x6") m/c. #516: CIRK "Rock" sticker (4.5" cir) m/c-beauty. #517: Cable West TV (Canada) sticker (3" cir) m/c. #518: Radio Sweden "Keep in Touch" sticker (over 2" long) yellow, blue. #519: RCI QSL card "1974 Cycling" (4x6") m/c. #520: RCI QSL card "IYDP" (4x6") m/c. #521: RCI QSL card "Satellite" (4x6") m/c. #522: RCI QSL card "WDXFY-1973" (5x7") m/c. #523: RCI QSL card "Globe/Microphone" (4x6") m/c. #524: Radio 210 (UK) photo card (4x6") B&W. #525: KGBX m/c pig photo (3x5") very nice. #526: WELA "Tampa Bay Bandits" sticker (3x7") red, B&W. #527: BBC Radio One (UK) sticker (2.5x3") red, white, blue. #528: Devon County Radio (UK) decal (3.5x4.5") red, white, blue. #529: Radio Scotland paper banner (3x13") blue, white. #530: Radio Hallam (UK) decal (2.5x13") m/c-sharp looking. #531: BBC Radio One (UK) 3 different staff photos (8.5x11") B&W. #532: Radio Veritas (Philippines) paper pennant (3x5") red, black, blue. #533: BBC Radio One decal "Happy Motoring" (2x12") m/c-nice. #534: WDAE "Tampa Bay Bucs" sticker (3x9") red, white, orange. #535: BBC Radio Nottingham (UK) 1984 gold and white diary-very nice item. #536: WHMB-TV large paper holder (8.5x11") m/c. #537: BBC QSL card "Old Building Style" (4x6") B&W. #538: RCI QSL card "Antenna-1971" (4x7") m/c. #539: Voice of Turkey cloth pennant (7.5x12") m/c-nice. #540: CFGO sticker (2.5x7") blue, white. #541: RBI (DDR) "DX Club" cloth pennant (6x9.5") m/c. #542: BBC Radio Stoke (UK) 25 page magazine (8x11") m/c-very interesting. #543: BBC Radio Stoke decal (4x8") m/c. #544: The Black Pirate (Holland) sticker (2x3.5") black, gold. #545: BBC Radio Orkney (Orkney Islands) sticker (3.5" cir) red, white. #546: BBC Radio Newcastle (UK) sticker (3x6") blue, white, green. #547: Gamma Radio Milano (Italy) sticker (3x5.5") m/c-nice. #548: Radio Macarena (Colombia) reflective sticker (3" cir) m/c-beautiful. #549: Radio Macarena reflective decal (2x5") m/c-very nice. #550: RNE (Spain) "La Radio" sticker (3.5x4.5") B&W. #551: Radio Fase (Italy) reflective sticker (2x8") red, gold. #552: BBC Radio Nottingham (UK) decal (3.5x7.5") m/c. #553: BBC Radio Clwyd (Wales) decal (5.5" cir) m/c-sharp. #554: Radio RSA (South Africa) sticker (3.5x5.5") new style, black, yellow. #555: Radio Ulan Bator (Mongolia) paper pennant (4x6") blue, red, gold. #556: City-TV Koblenz (PRG) sticker (3x5") m/c-nice. #557: Voice of Turkey cloth pennant (4.5x7.5") m/c. #558: Radio West (Ireland) decal (3.5x5") red, white, blue. #559: Radio More Music (Italy) sticker (1x6") m/c. #560: Radio Nederland sticker 2 different (3x4.5") m/c. #561: ORF (Austria) sticker in Spanish (4.5x5.5") red, B&W-nice. #562: Hereward Radio (UK) plastic badge (2x3") orange, white, brown-very nice. #563: RBI (DDR) plastic badge (2x2") m/c w/orange. #564: RBI plastic badge (2x2") m/c w/red. #565: Radio Milano International (Italy) reflective sticker (3.5x8") silver, red. #566: WSM metal badge (1.5" cir) red, white, blue. #567: VOA 6" Presidential ruler, red, white & blue. #568: RBI stick pin, silver, green. #569: ORF mini-metal pin, silver, red. #570: RCI maple leaf pin, red, white. #571: Radio Peking metal pin, dark blue, silver. #572: Radio Peking metal pin, silver, white, light blue. #573: Radio Peking "Great Wall" pin, silver, white, blue. #574: Radio Peking metal pin, red, blue, silver. #575: Radio Bucharest (Romania) pin, m/c-nice. #576: Radio Nederland cloth pennant (4x6") red, white, blue. #577: Voice of Asia (Taiwan) pin, m/c-very nice. #578: RAE (Argentina) paper pennant (4x8") blue, white, orange. #579: HRVC cloth pennant (6x10") blue, B&W. #580: REE (Spain) cloth pennant (4.5x8") m/c. #581: RBI cloth pennant (5x8") red, white, blue. #582: Radio Veritas (Philippines) 1984 calendar, m/c. #583: Radio Korea paper pennant (4x8") m/c. #584: Radio Nederland address book, red, gold. #585: 4ZA Radio Southland (New Zealand) sticker (5.5x6") w/Kiwi Bird, m/c-very nice. #586: Radio Vatican 1984 calendar in EG (4.5x8.5") m/c. #587: KAIM (Hawaii) sticker (4x7.5") blue, white. #588: 4XD (New Zealand) sticker (1.5x7.5") blue, white. #589: KNUI (Hawaii) sticker (4x7.5") red, white. #590: HCJB-FM sticker (3.5x8") B&W. #591: Radio Veritas sticker (3x10") yellow, B&W. #592: IBC (Italy) sticker (3x5") purple, white. #593: Radio Luna (Italy) sticker (3x4.5") blue, B&W. #594: Radio Nacional do Brasil sticker (3.5" cir) m/c. #595: RBI cloth pennant (6x9") m/c-sharp. #596: Radio Veritas cloth pennant (4x8") blue, white, yellow. #597: Radio Polonia stick pin, red, white, silver. #598: 6WF (Australia) cloth arm patch (2x3") blue, white, orange. #599: Radio West station pen, m/c. #600: Netherlands World Broadcasting 100 page plus book on the history of radio in Holland

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