

FRIENDLY

We are pleased to verify your reception of
RADIO - SAIGON
 (French Indo-China)

Broadcasting on 11.77 megacycles, i. e. 25
 on the 5th of 11.77

ZBW



HONG KONG



The Hongkong Broadcasting Station thanks you for your pleasure in 11/1936

THE COMMITTEE TO PRESERVE RADIO VERIFICATIONS

A COMMITTEE OF THE ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

Blue Danube Network
 Armed Forces Radio Service

BDN Salzburg 350 W 9533-Kc 31.4	Salzburg	Linz
9.617 MO	BDN Linz 1 kW 629 Kc 476.9-m	BDN Vienna 1068 Kc
BDN Salzburg 1 kW 1104-Kc 87.4-m	131, 228	773 388 1142

This is to verify your reception of
 on the 6th day of July 1950
 TNX FR THE OSL 731

IRAQ BROADCASTING STATION.
 BAGHDAD, IRAQ

Q.S.L. reception report dated 17/18/12/50

Mr. Bellington's reception report dated 17/18/12/50

We confirm our mission on 7092 Kcs for which we thank you.

Our transmitter is a Class B Modulation, power 16 Kw

Programmes: Arabic and Occasional European Music and Talks.

Call Sign: **O.S.L.**
 Interval Signal - Bird Call.
 Morse Signaling - Morse Striking.
 Send more later.
 Much appreciated.

a Gwingsby
 Chief Engineer.

RADIO-GUADELOUPE
 Pointre-à-Pitre FWI

COMMONWEALTH POSTMASTER-GENERAL'S DEPARTMENT

NATIONAL BROADCASTING SERVICE
3LR

SHORT-WAVE NATIONAL STATION SITUATED AT
 LYNDBURST, VICTORIA, AUSTRALIA.

Power 1000 watts in aerial. Model with unidirectional and aerial systems of the Australian Broadcasting Commission.

Frequency 9580 Kc. Power 1000 watts in aerial. Model with unidirectional and aerial systems of the Australian Broadcasting Commission.

RADIO SEAC

THE FORCES BROADCASTING SERVICE

THANK YOU FOR YOUR RECEPTION REPORT

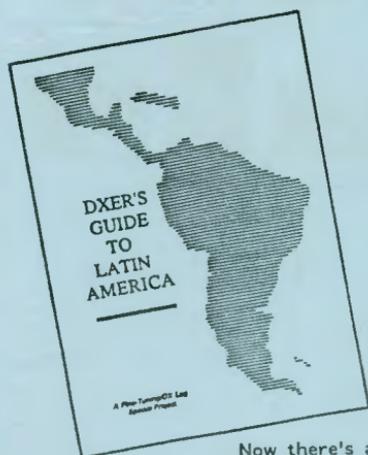
DATED 13/6/47 OF RECEPTION AT
 BROOKLYN, N.Y. ON 15.12. MCS.

AND WAVELENGTH OF 19.84 METRES.

(Signed) Peter F. Molloy
 Leading Commander A.L. Smith
 Station Officer

FOR REPORTS AND SUGGESTIONS ARE WELCOME, PLEASE SEND THEM TO:
 RADIO SEAC, COLOMBO, Ceylon

FOR IMMEDIATE RELEASE



DXER'S GUIDE TO LATIN AMERICA

To identify any of the hundreds of South American and Central American shortwave stations, DXers have had to rely on a variety of sources, including handbooks, DX bulletins and band surveys submitted by other DXers.

Now there's a special publication available from "FINE TUNING", a DX organization devoted to monitoring rare and difficult shortwave stations, that is North America's first comprehensive guide to monitoring Latin American stations.

The DXER'S GUIDE TO LATIN AMERICA provides listeners with a comprehensive listing of all stations from Central and South America that are actually being heard in North America. Only loggings from the North American continent are included.

Written by top DXers Mitch Sams, Dave Valko, Kirk Allen, Dan Sheedy, Larry Yamron and Mike Nikolich, the book covers shortwave stations from Central America, the Caribbean, Peru, Brazil and all other South American countries.

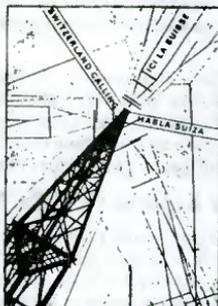
More than 300 stations in all are included. All stations are listed by country and then by frequency. Complete operating schedules (where noted) are given, as are the text of station identifications, information on QSL policies, and even verification signers. In addition, each station is rated by a difficulty code for "easily heard" (E) "some difficulty" (SD) or "rarely heard" (R).

The DXER'S GUIDE TO LATIN AMERICA is over 40 pages long in a 8½" x 11" format and is three-hole punched for insertion in a binder. Copies are available for \$4.00 (includes postage and handling) in North America. Foreign orders are \$6.00 U.S. FUNDS ONLY (includes airmail postage). The booklet will be updated on an annual basis, and copies may be obtained from: LARRY YAMRON, FINE TUNING, 351 CHURCHILL ROAD, PITTSBURGH, PA 15235 U.S.A

THE COMMITTEE TO PRESERVE RADIO VERIFICATIONS

by

Jerry Berg, Chairperson
38 Eastern Avenue
Lexington, MA 02173



As long as I've been in the radio listening hobby I've heard DXers talk about what to do with their QSLs after they pass away. I can't say I'd heard many good ideas on the subject, however. Discussion of this topic has a natural tendency to drift off into uncertainty. DXing is, after all, a hobby for today, and no one seems too worried about the future.

A related issue that is mentioned from time to time is the future of QSLs belonging to hobbyists who may be active and then leave the hobby for one reason or another.

In both cases, the likelihood is that their QSLs will at best face an uncertain fate. Other family members seldom seem to share our interest in radio, least of all the QSL-collecting aspects, and so despite the time and effort we spend on our collections, most of our material is probably destined for a dusty attic or a wet basement if we're lucky, the trash heap if we aren't.

Since QSLs are usually considered personal mementoes of our listening experiences and contacts with particular stations, maybe we shouldn't be too concerned about the time when we are no longer able or interested in caring for them.

But there is another way of looking at our old veries. They represent not just souvenirs of our own listening, but also a part of the broader history of radio, reflecting changes in national politics, broadcasters, frequencies and relations between stations and their listeners. Older QSLs never fail to prompt interest among hobbyists. At the very least they are intriguing glimpses at the details of early radio listening, the direct predecessors of our listening activities of today.

In 1986 it was decided to take a major step toward making available a means by which QSLs could be preserved when persons passed away or became inactive, and stemming the loss of this important radio material. The Committee to Preserve Radio Verifications was established as a committee of the Association of North American Radio Clubs. It is hoped that in the future, through the efforts of this Committee, more QSLs will be saved from loss or destruction.

The Committee's work

The Committee is working toward its goal in several ways.

First, by our activity we hope to cause more hobbyists to think about the long term importance of their QSL collections. This alone is an important first step.

Second, the Committee will provide a central repository for QSLs. Through direct contact with inactive listeners and the families of deceased hobbyists, and by a public information campaign within the hobby and elsewhere, the Committee will seek out existing QSL collections that might otherwise be lost, and attempt to preserve them.

Third, the Committee will be available to serve as recipient for any QSL collections that hobbyists might wish to dispose of in their will.

Thinking in the very long term, perhaps the Committee will some day be able to publish a collection of QSLs in book or other form so that all radio enthusiasts will be able to learn more about the history of radio and the radio listening hobby, view and enjoy old QSLs and use them for research purposes. That is a long term goal, however. For now, the Committee's main objective is to archive as many QSLs as possible in order to prevent further losses.

The Committee is prepared to archive all QSL-cards and letters received. At the outset the Committee is concentrating on QSLs from shortwave broadcast stations, large and small. However, it is an all-wave project, and the Committee welcomes QSLs covering medium wave, utility and other stations as well.

Since today's QSLs are tomorrow's history, the Committee wants to archive QSLs of more recent origin as well as vintage material. So hobbyists with "new" collections are as important to us as the "old timers."

The Committee is concentrating on QSL collections in the United States, but in the future the Committee may have affiliated groups in other countries working to provide appropriate QSL depositories for their DXers. For now, hobbyists outside the U.S. who are interested in preserving their QSLs are urged to contact the Committee so that their interest can be noted and their names referred to local affiliated groups that may be formed.

What happens to QSLs that are donated to the Committee?

DXers needn't worry that their QSLs will just be piled up in a basement someplace. All material is handled with care. Each QSL is placed in an individual envelope, carefully marked with the donor's name, and filed in neat, orderly fashion. Each QSL is always fully credited to its original owner. A computerized index is maintained so that all material can be accessed quickly and easily.

Eventually the CPRV collection might be housed at a museum or a library so as to facilitate viewing and use by interested persons. For now, however, the Committee's collection is located at the Boston headquarters of the Christian Science Monitor, the internationally recognized news organization, leader in the field of objective news reporting, and home of Herald Broadcasting, parent organization of CSM's new 500 kw shortwave station in Maine. The Committee is pleased to have the support of this important voice of international journalism.

Who are the members of the Committee?

Yours truly, *Jerry Berg*, attorney, active in the shortwave hobby as a listener and QSL collector since 1958, and Committee chairperson . . . *Kent Corson*, social service executive and active shortwave hobbyist since 1952 . . . *Gerry L. Dexter*, broadcaster, author of many radio publications, and well known for his interest in QSL collecting during his 35 years in radio . . . *Tom Gavaras*, radio marketing professional, a DXer since 1969 and active in hobby club circles . . . *John C. Herkimer*, printer, radio hobbyist since 1968.

Interested?

We hope so. Most QSL collectors have spent many, many hours seeking QSLs, and as long as they are active in the hobby they should hold on to their verifications so they can get back from them as much enjoyment as they have put in. But if you are leaving or have left the hobby, the Committee urges you to consider placing your QSLs with us in order to insure that your active involvement in the hobby will be memorialized for future generations of DXers.

Also, if you know of others who might be interested in the Committee's work, or if you are holding a QSL collection belonging to a DXer who is no longer active or has passed away, we hope you will contact us.

To find out more . . .

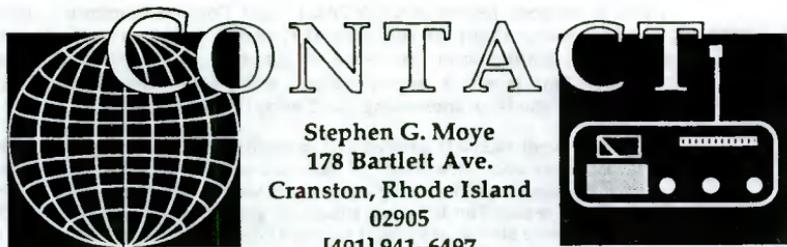
Contact any member of the Committee, by mail or telephone. Each inquiry is handled individually. The Committee will work with donors to address any questions or special needs they may have.

Here are the names, addresses and telephone numbers:

Jerry Berg, 38 Eastern Ave., Lexington, MA 02173, tel. 617/861-8481
Kent Corson, 4015 Tanglewood Terrace, Bettendorf, IA 52722, tel. 319/355-7293
Gerry L. Dexter, R.R. 4 - Box 110, Lake Geneva, WI 53147, tel. 414/248-4845
Tom Gavaras, 10401 Cedar Lake Rd. (215), Minnetonka, MN 55343, tel. 612/544-2433
John C. Herkimer, 3233 East Ave., Caledonia, NY 14423, tel. 716/538-2582

If you feel you can help the Committee in any aspect of its work, please let us hear from you!

(Thanks to the following for their generous financial contributions to the Committee's work: °Association of North American Radio Clubs (ANARC); °Michael L. Harris, Grove City, OH; °ICOM America, Inc., Bellevue, WA; International Broadcasting Services, Ltd. ("Radio Database International"), Penn's Park, PA; °North American Shortwave Association; Ontario DX Association. °=Major contributor.)



Stephen G. Moye
178 Bartlett Ave.
Cranston, Rhode Island
02905
[401] 941-6497

Letters

The Northeast has been treated to a somewhat wet and messy Spring: the principal advantage to this kind of weather is that it is much more fun (drier, anyway) to stay inside and listen to SWBC. Have you been following the BBC's offering: *The History of Radio Comedy*? It is on Sundays at 0315UTC, 1715UTC Mondays, and 1030UTC Wednesdays. Another wonderful program, and very funny indeed. It has brought a bit of sunshine to dark and stormy days.

We begin this month's letters with one from Larry Magne (Radio Database International, Box 300, Penn's Park, Pennsylvania 18943). He takes up a couple of topics that have been treated here in CONTACT, and offers some interesting background:

We just got the outdoor antenna RDI White Paper from the printer yesterday, so today was to be when I would play catch-up and get this, along with a couple of other new reports off to you. However, before I could attack the keyboard, the April FRENDX arrived in the morning mail. Your response to Andy Sennitt's letter was far more eloquent than any I could make — especially inasmuch as my motives could be misconstrued — so I will leave the subject at rest and get to the other issue that was at hand before the mail arrived today: "CONTACT".

The "musings" nature of CONTACT appears to be broadening the degree of participation in the making and evolution of ideas concerning shortwave broadcasting. Not only does this help stimulate our collective thinking, it also helps blow away some preconceived notions and other cobwebs so we can move onward to better things.

One of these better things may be a definition of what clubs are all about, and that definition may center on whether printing presses or people are paramount. In the old days, when FRENDX was mimeographed and received by no more than a few hundred Members, there was no question: it was a collegial assembly. With the coming of offset — which we hotly debated at the time — this has all changed, and not necessarily for the better. The higher costs of offset have called for larger memberships, with the result that more than a few members now refer to their "FRENDX subscription" as though it were just another marketplace commodity. Compare this with Britain's "World DX Club" which continues to turn out its highly participatory and musings-filled monthly bulletin (called CONTACT, wouldn't you know!) via mimeograph.

There's no easy answer to this, especially when you consider the changes in social mores since we went to offset nearly fifteen years ago. But the back-and-forth of your column would seem to be a step in the right direction, inasmuch as it places the Members once again in the rôle of colleagues and participants — not merely consumers and recipients.

I want to thank Larry for his kind words and his insights. As usual now it's your turn: what do you think?

There have been letters in CONTACT (and Popular Communications and SPEEDX and elsewhere) about the difficulty that people who live in the United States encounter when dealing with the Voice of America and the United States Information Agency. This is not a new problem, but *Mike Hardester* (North Versailles, Pennsylvania) sheds an interesting (and witty) light on it:

The April FRENEX arrived and in reading your column, I found Tim Davison's comments about the Voice of America interesting. Though I am no Harvard Law Professor (which, in my opinion, it would take to understand the applicable law), the reason Tim is having trouble in getting program schedules from the USIA/VOA is quite simple: it's illegal for the USIA/VOA to send such items to people in the United States... except for government personnel, journalists (which, by a thin stretch of the imagination, Tim might try via his station's stationary), scholars, etc. In practice, I've rarely encountered trouble obtaining info from the USIA... but then, most of the material was for research ("scholar") or writing ("journalist") related areas. Hmmm?

Twice in the past, I have contacted the VOA and requested a S-I-M-P-L-E explanation why the VOA (and other USA-based shortwave stations) cannot beam their programming to the United States. Very roughly put, many years ago when the earth was still a bubbling mass... well, maybe a bit later than that, there was a strong fear that a shortwave station, if operated by a less than pro-American group (you know — like the 250 and 500kW stations 90 miles south in Cuba) were to operate in the United States and be heard throughout the United States (like R. Moscow, R. Havana Cuba, R. Beijing, et al), they might cause civil unrest because the American people have no common sense or ability to make rational decisions, and would be led astray by such pied pipers. Okay, so maybe I've oversimplified it a bit. If so, would a representative of the USIA/VOA care to enter the picture (in CONTACT) and explain/rationalize why the USIA/VOA and other US-based shortwave stations cannot transmit programming to the United States, and why the USIA/VOA is restricted by law from providing information to the taxpayers who keep them on the air.

In all fairness, again, the VOA has usually responded to whatever requests I've made: relay site info; transmission schedule; program schedules; and, yes, even QSL requests with the site listed. Still, an explanation concerning the law would be welcome.

We have been concerned, not only in CONTACT, but in other columns in FRENEX as well, with the question of increased support and participation. A fine letter from *Peter Tutak* (Seattle, Washington) continues very creatively with the treatment of those questions:

In his inaugural column (FRENEX 2/87, *Kap's Korner*, p.13), John [Kapinos] raises some questions and points, all of them valid, and all of which boil down to the essential element of participation (submitting loggings, comments, writing letters, etc.) in NASWA's publication. But individual circumstances dictate individual means of participation, and this participation is further tempered by what the person wants out of the hobby.

Take me, for example. I do occasionally contribute loggings to the LR sections, but since I've moved from New Jersey to Seattle, those contributions have been more frequent. The fact that I've been unemployed for the past seven months has helped — more time to spend on the dials — and the new QTH has renewed my vigor in the hobby — Asians and Pacific stations are now more easily heard. So, as a result, my loggings are up, my "DX-citement" is up, and as I seem to be the only contributor these from the Northwest, I want other to know what can be heard out here. But I submit what I've heard — from those areas that interest me and hence my "DX diet." I'm sure that once I begin work again, the frequency of contribution will drop a bit, for time will once again be at a premium.

There are others in the club, I'm sure, whose circumstances regarding time are much the same. Some are retirees, others in my situation... the point is we all put in what time we *want* to put into the hobby. Anything more robs pleasure out of it. And why should anyone take issue if some contribute Radio Netherlands, RMWS, BBC, SRJ, etc. loggings? This may be their "diet," the contribution of which gives them pleasure. The fact that they indeed *contribute* shows more effort than those who do not; and their contributions do perform a service to those who are very recently acquainted to the hobby. What some of us take for granted may be just what newer members need to further spur their own interest, and perhaps eventually evolve into DX-hounds in their own right. As a top-notch club, NASWA has the ability to attract and maintain the

interest of those new to the hobby, whether they be "SWLers" or "DXers", and also to do the same for those of us who dig into the static and QRM for Vanuatu or Djibouti. Success at doing both well enables the club to prosper and flourish, now and in the future. Success at doing both means contribution by a membership who must be made to feel welcome to do so, without fear of criticism or neglect. And if criticism must be offered in the interest of clarifying information, we must present it and accept it as education, not castigation.

"CONTACT", "FRIENDX", "Unity and Friendship" are words and phrases integral to NASWA's monthly publication. We see them time and again. They suggest communication and fraternity. Yet, by the nature of its being a club with national and international membership, NASWA's only unifying factor for its entire community seems to be the monthly FRIENDX, and for those who choose, DXtra. The rest of the time we function, for the most part, alone in our hobby. Those of us who do not have the fortune to live near other members do not have a social outlet to exchange ideas, information, and simple social contact. While this may suit some of us, (I feel that by its inherent "you and the receiver" nature, radio listening has an attraction for "loners"), it doesn't hold true for the rest. So, if we have the opportunity, we join a smaller, regional club or organization to satisfy the need for contact and fraternization. Since coming to Seattle, I've joined one called the "Cascade Mountain DX Club", and I'm glad I did. It's allowed me to meet fellow hobbyists and expand friendships, to participate easily in DXpeditions, and meetings with a host of people from the immediate area. So, it complements my NASWA membership by making me a part of a local community as well as part of one that is worldwide. Now I see faces and personalities behind the contributors... and that, I believe, is a fundamental hurdle that NASWA may do a better part in crossing. To many of us, the names on the contributor's page, beside the loggings, and under the articles are just that - names. We don't know the people behind them, who they are, what they like & don't like. So they remain just names. Correcting this would go far to serve the club as a whole, promoting contact and communication on a member-to-member basis, and letting everyone see just *who* is out there. So, what to do? Enter a suggested solution:

Ever see the "Dewer's Profiles" ads in the national magazines? A celebrity is pictured with a glass of scotch, along with his name and some biographical data (humorous and serious), and personal information, and (of course) a blurb for Dewers. Why not something along the same lines? Perhaps a page from FRIENDX, featuring a good-quality B/W photo of the participant, some minor personal information and mostly answers to hobby-related questions (e.g., how long in the hobby, what got you started, favorite station, hobby wish list, etc. - the possibilities are numerous). Participation would be voluntary, the questions (choice from a wide field) available on a pre-printed form from NASWA on request (or even free-form... the participant could write a few paragraphs about him/herself). It seems to me that so far, meeting others in the club has been a privilege only some have been able to accomplish, mostly at ANARC conventions. Since many cannot attend due to financial constraints, an alternative way of meeting such as I have suggested may meet with favor. I'll even work on a committee (or alone) to bring this to fruition, should the idea meet with approval from those who decide such things.

I have yet another proposal (don't worry, I'm running out of gas with this) a bit more radical than the above that (hopefully) some readers may read and wish to comment on (like the "SW transmitter" debate of the recent past that caused such a flurry of mail). I call it the "DX-change Program":

It's simply this: a program of invited visitation by any interested members to visit and DX (or SWL) with club members who are willing and capable to host such an invitation. This would be on a national *and* international basis. The invited guest would bear the cost of transportation (R/T) to host's QTH. The host would share his home with the guest for the duration of the visit, providing bed and board, and a means to hook up the guest's receiver to a provided antenna. A visit could last a mutually agreed upon duration, with an automatic proviso for the host to visit the guest at some future date. Since there is a transportation expense involved (probably substantial in the case of international travel), this proposal could only be realized by those with the financial means to make it happen. That may alienate most people (believe me, I know what it's like to have no money). But the cultural and personal exchange that can be envisioned from such a program would be marvellous. I know the idea is fraught with hazards that I hadn't yet realized when I wrote this. But it's just that - an idea (for now, anyway). It doesn't have to be limited to DX/SWLing, either... there is some fantastic skiing within 90 minutes of Seattle, for instance (hint).

Anyway, that's it. I'd be interested to hear other's comments/criticisms about what I've suggested. Takers, anyone? - 73s & Best Regards from the Rainy Pacific Northwest...

Pete has very clearly made some good points - there isn't a whole lot for me to add, so I won't. But now it is your turn. What do you think? Would anybody like to help setup these programs and make them work? *FRIENDX* - *Personal Glimpses* (just a thought for the title - we're open to suggestions). Again, your comments and support are needed and valued.

CONTACT NOTES

Included with *Larry Magne's* letter were three new Radio Database International White Papers — these are detailed (but, thankfully, always quite readable) analyses (based on rigorous and *INDEPENDENT* laboratory tests and “hands-on” experience) and discussions of SWL equipment. The three recently released White Papers are: *RDI Evaluates Popular Outdoor Antennas*; *RDI Evaluates the Kenwood R-5000 Receiver*; *RDI Evaluates the Lowe HF-125 Receiver*. If you are looking for a good antenna, be sure not to miss the White Paper on outdoor antennas — in addition to the evaluations, there is a lot of very sound advice and general insight. All the White Papers are \$4 in North America (elsewhere \$6 by air) [Pennsylvania residents should add 6% sales tax] and are available from: RDI White Papers, Box 300, Penn's Park, Pennsylvania, 18943 USA. (Check or money order in US funds only, please.) A complete listing of all the White Papers can also be obtained from the same address.

From *David Walcutt* (New York, New York) I received a useful tip for the Sony ICF-2010 — two actually. First, a dust cover: he has found that the dust cover used for the Tandy (Radio Shack) 1000 Expansion Drive is perfect for the 2010: “It is even open on one end, so that users like me who have an antenna, power supply and cassette output coming out of the end have no problem.” The price is very good too: \$3.95. Second, he plans to add an amplifier to give the sound a bit of a boost (the output of the radio being only about 375mW with 10% distortion — per specs) in order to make the sound quality a bit more pleasant. I dunno... sometimes, the only things an amplifier amplifies are the problems with distortion... David uses his 2010 as a table-top unit, so sound quality is especially important for long sessions.

I received a nice letter from *Charles Rippel* (Virginia Beach, Virginia) who is the editor of the *FRENDX's* very own *DXer's Forum* column. Enclosed with his letter was the new *ODDX* countries list. The format: “On the first line,[...] the contemporary name of the country and the old or colonial name[...]. The second line shows the primary *SWBC* outlet along with the operating frequency, earliest and latest time heard, date of information used and some brief comments on the station. The third line offers room for identical information on a second outlet.” A final version of the list will be available soon. It looks wonderful, and will offer a convenient and useful structure for listening. See *DXer's Forum* for more information.

This month's CONTACT was written on a MacWrite and Microsoft Word(1.05) with an Macintosh Plus. The text was assembled on, and formatted on ReadySetGo.1 from Manhattan Graphics. Graphics were created on Apple MacDraw, IDD MacDraft, and PageMaker1.2 from Aldus Corporation. The final copy was printed on an LaserWriter Plus in Zapf Dingbats, Chancery, and 12- and 10-point Palatino, and Palatino-italic. Future columns will be prepared using Aldus PageMaker2.0 and Microsoft WORD3.0. If you have any questions about these very useful tools, just let me know — I'll be glad to give what assistance I can.

Once again, my thanks to readers and writers alike. If you didn't see something discussed here that you think ought to be, remember that suggestions for topics are always welcome. As usual, there is a lot to think about and I hope that you will write to CONTACT — or to



Log Reports or Listener's Notebook or Kap's Korner or Soundwaves, or the DXer's Forum, Computer Corner, Easy Listening, QSL Reports, Technical Topics or any of the other fine columns that appear in FRENDX every month. Until next month — many, many best 73s —



Easy Listening

Editor: Alex Batman, 4618 Alvin Dark, Apt. 34, Baton Rouge, LA 70820

SUNDAY

- 1230-1235: "Letter from Austria" (ORF). A brief, five-minute, chatty essay about current conditions in Austria, such as the weather in winter or the coming of spring, or Austrians in the news like the death of the widow of the last emperor of Austria (15.320).
- 0210-0225: "Supplement" (Swiss Radio International). A more in depth look at some current newsworthy or human interest event in Switzerland, such as a world economic forum in Bern, a world yoga conference in a Swiss city, a live recording of tobaggan run, or a feature on the 500th anniversary of the death of the national Swiss hero, Brother Klaus. (6.135/9.725/9.885/12.035. Repeated at 0410 on the same frequencies).

MONDAY

- 2305-2330: "Music from Bulgaria" (Radio Sofia). This program shows up sporadically and unpredictably on Mondays right after the more regular "Time Out for Sports". The program features largely classical excerpts from concertos being played in Bulgaria or excerpts from Bulgarian musicians or opera singers who are on tour in Europe. (6.070. Repeated at 0035 on the same frequency and at 0435 on 7.115).
- 0150-0200: "DX Program" (Radio Moscow). I'm afraid the program is about as catchy as the title. There are a few brief DX tips (some not bad), followed by answers to technical questions from listeners. This would really not be all that bad a DX program if the format were extended for another five or ten minutes and more topics relating to shortwave were introduced. There are actually some pretty good tips in the first part of the program (5.915/7.115/7.310. Repeated at 0350 on the same frequencies).

TUESDAY

- 2245-2300: "With Me in the Studio" (Kol Israel). Each week features an interview with some guest, once the owner of Pink's restaurant in Jerusalem, another with a former Israeli pilot, a third with the director of the anti-defamation league of B'nai Brith. (9.435/7.465/7.410. Repeated at 0110 on the same frequencies).
- 0135-0145: "Science and Technology" (Radio Prague). Every other week Radio Prague airs this program about a brief issue in science, like the possibility of a manned mission to mars, an archaeological excavation with its attendant anthropological data, or an observatory built by three amateur astronomers in a Czech coal mining town. Actually one of Radio Prague's better programs. (5.930/7.345/9.740/11.990. Repeated at 0335 on the same frequencies). Alternate weeks

WEDNESDAY

- 1130-1145: "Aboriginal Australia Today" (Radio Australia). Focus on issues of interest to aboriginals and those interested in their situation in Australia, including the story of a half-breed aborigine who was raised traditionally, aboriginal broadcasting in Australia, the dying of traditional ways of gathering food, etc. Frequent excerpts of rock or reggae music by aboriginal bands (9.580/9.770/9.640/5.995)

0130-01450: "Waveguide" (BBC). This is the only program on the BBC specifically dealing with shortwave radio, but it is not a DX program. There are no DX tips per se, although there are occasionally discussions of which BBC frequencies are best for a given area (like Southeast Asia). Other issues of shortwave are often discussed, such as the future of satellite communications, and one program even featured the material available in the Bush House gift shop. Not a bad ten minutes. (5.975/6.175)

THURSDAY

1115-1125: "New Ideas" (BBC). A program devoted to new inventions and innovations both on the personal and the industrial level. Past programs have featured a thermometer in the shape of a credit card, a personal radiation monitor, an amphibious vehicle called "Aqua-Track," and a new method of weatherproofing roofs. Information about any of the inventions is available on request, but you must include the edition number (given at the beginning and end of the program) in order to expedite the request. (6.195/11.775)

0120-0130: "Sciences in Argentina" (R.A.E.) A more theoretical than specific look at the sciences in the country, one program featuring a scientific conference in the country, another a scientific paper by an Argentine read at a conference, engineering in the country, or the incidence of AIDS in Argentina. Like most R.A.E. programs, this one has a habit of not showing up at the scheduled time every once in a while. (9.690/11.710. Repeated at 0420 on the same frequencies).

FRIDAY

1140-1145: "Current Affairs" (Radio Japan). A five minute guest editorial most often written by university professors on some topic of current concern, such as trade relations with other countries (particularly the U.S.) or Japanese politics and political maneuvering. (6.120) Daily.

2325v-2330v: "Did You Know?" (Radio Berlin International). A brief series of items of interest all beginning with the catch phrase "Did you know?". Items have included alterations in a glass works, ecological changes in the Thuringia forest, and holdings of the Berlin Library. (6.125)

SATURDAY

1715-1745: "Talk About Africa" (BBC). An in depth look at issues concerning Africa, usually including a panel of African experts. Past programs have featured fighting between Christian and Muslims in Nigeria, human rights violations in Uganda and Kenya, the capture of a southern Sudanese town by the SPLA, and a front line interview with the Eritrean rebels in Ethiopia. (15.440. Not on other BBC frequencies at this time, only on those broadcasting to Africa).

0220-0230: "Highlights of the Week" (Radiobras). Although the title is highlights, usually the program features on a single newsworthy item from the past week, such as the visit of the Argentine Prime Minister, the visit of the Brazilian Foreign Minister to Japan, an economic forum held by government and business leaders, or the recent resignation of the Brazilian Prime Minister. (11.745)



Soundwaves

Editor: Paul Lannuier, 25 MacArthur Ave., Closter, NJ 07624

Some time last year, I wrote to several shortwave broadcasters requesting information and asking different questions dealing with programming and formats. Much of the information is very interesting; over the course of the next few months I'll probably share more of it with you. This month, I want to focus on a letter from Phillip M. Sandahl of HCJB's Audience Research department.

Mr. Sandahl was asked to explain how the chosen programming for HCJB reflects the political and societal aspects of the station's home country, Ecuador, and to discuss the difference between the programming used for external and domestic broadcasts--simply, how the average radio programming in Ecuador differs from that of HCJB. The focus was to be on news, cultural, and general interest programs. Although these questions would seem elementary to most of us, I was looking to see how the station explained it's purposes and objectives to someone seemingly unfamiliar with international shortwave broadcasting. The following is Mr. Sandahl's response, more or less in its entirety.

"In a pluralistic and democratic country such as Ecuador there is a great diversity of perspectives and ideology. No single station can do justice to all of them. In fact most stations choose to emphasize one slant or perspective at the expense of all the others. People count on the opposing points of view being reflected in the transmissions of other stations.

"HCJB is a little different from other stations in that it is not partisan, representing neither government nor commercial interests. It seeks to be just and fair in its coverage and representation. But it also seeks to present a Christian message and outlook in all its broadcasts.

"Programming heard on shortwave brings together two different types of people-- those living in the national context and those who live in other parts of the world. Backgrounds, interests and tastes differ between the two groups. Communication theory teaches that in order to communicate one has to work on the level of common ground between the two communicators and that the content of communication must have an element of interest for both parties.

"The content of the communication then becomes something that represents a blending of contexts of the two communicators. It is neither one nor the other, but something in between that respects the position of the one communicator while trying to relate the character and personality of the other communicator.

"The most obvious difference [between domestic and external broadcasts] will be the language used. National programming is in Spanish and occasionally Quechua. International programming is in the language of the target area...There are many different types of formats-- such as news, magazine, talk shows, etc. All of these formats are known and used both locally and internationally. Yet there will still be differences. They are more subtle kinds of differences that have to do with the "style" of the presentation and the proportions of different kinds of formats. It would be impossible to summarize these

differences [in a single letter].

"Perhaps the greatest difference of all is that HCJB is a protestant, non-commercial and educational station functioning in a nominally Roman Catholic country where the predominant broadcasting environment is secular and commercial. These differences in faith and outlook are reflected in subtle ways in the programming "sound" of HCJB compared to other stations.

"Let me illustrate a few of the points I have been trying to make by talking about the situation in our English service. English newscasts are very short when compared to national newscasts and even those we produce for our Spanish service. We have found that the English listeners want a capsulated news report and that he prefers to have the news summarized in five to ten minutes. The news program includes more reports on news in Latin America than one would find on news in other parts of the world but not nearly as much as the local stations in Ecuador carry. The further removed one is from the local context the "bigger" the story has to be before it has any interest or meaning to the international listener. Who in Europe cares if the mayor of Quito attended the opening of a new wing of a local grade school?

"The English service also makes greater use of local folk music than most of the local stations. English listeners are fascinated by the sound of music and consider it quite exotic since they can not get anything like it in their own country. The Ecuadorians take that kind of music for granted and are more interested in hearing the latest pop hit.

"Many local stations are not much more than music-boxes which play non-stop pop hits and commercial spots. These are popular for entertainment but are not typical of international broadcasters which have a greater emphasis on verbal content. Other local stations specialize in call-in types of programs. These are also impractical as the norm for shortwave broadcasts...Commercial announcements is another obvious area of difference. Most international broadcasters don't have them.

"Most national stations do not do "travelogue" type programs which are very popular on the international station schedule. The reason should be clear. Trying to give a "feel" for what it is like to live in the other country is of great interest to the foreigner, but taken for granted and boring for the person who lives in the country.

"The situation in our Spanish broadcasts is quite different. Most of the time our local medium wave and shortwave transmissions are simulcast. This forces us to make some compromises between what we offer local listeners and the international ones. Many Ecuadorians living outside the country are thankful that so much of the local programming is available to them, especially when it comes to news. On the other side of the coin it may sometimes bore our international listeners...Spanish programming has long detailed news reporting which includes many interviews and even sport. In fact important soccer games are announced play by play over HCJB.

"The general policies regarding religious programming and music that is appropriate to use on HCJB are the same for all our language services. Nevertheless, the balance and "sound" of the programming varies from language to language as adjustments are made for the tastes and interests of each audience. Spanish programming includes some folk music but not nearly as much as the English service."

I'd like to extend my sincere thanks to Mr. Sandahl for taking the time to respond to my letters. Compared to most of the responses I've received from other, even larger broadcasters, HCJB's often-noted reputation for talking to listeners instead of at them is reaffirmed. In fact, I was suprising to see the number of ways international broadcast organizations and their public relations departments respond to similar, if not identical letters.

♫♪♪♪ other notes:

Peter Dillon sends along a few loggings from the 60 meter band:

GUATEMALA: Radio Mam on 4825 kHz. at 1220-1300 UTC. "Live performances by local musicians in the Cabrocan area. The Marimba-style bands were good. Unaccompanied singing was awful!"

VENEZUELA: Radio Valera on 4840 kHz at 1115-1130 UTC. "All kinds of latin music: Rumba, Tango, Ranchero, Salsa. Great!" Also, Radio Capital, on 4850 kHz at 1130-1145 UTC. "Lite Spanish rock music: not my favorite, but O.K."

INDIA?: "Another interesting station I heard was on 7235 kHz at 1306 UTC, which I think was A.I.R.- Madras. Anyway, it was Indian music with a female vocal: quite beautiful if you like Indian sitar music. Unfortunately, reception here is terrible." (Join the club! ptl)

Thanks, Peter. It's nice to hear from someone every now and then. I'd appreciate getting more feedback from people.

Guess that's it for this month. The next column will more than likely be a survey of mid-East broadcasters. If you have any news concerning this or anything else, please send it in. Until then, '73's...

Paul

Radio Japan News 30 Years Old in December 1986

In December 1956, the first edition of a tiny periodical in English was issued to Radio Japan listeners. It was called "Radio Japan News". The four-page publication carried a guide to upcoming programs, the texts of some programs already broadcast, announcements on frequency changes and other useful information for listeners.

The only copy we have of this memorable first edition of Radio Japan News has been bound into a book of NHK memorabilia (shown below) if you could find another copy, it would undoubtedly be a valuable collector's item.

The content of Radio Japan News has changed little in 30 years. Besides the above-mentioned information, the publication now contains schedules, frequency charts, announcements on the inauguration or suspension of transmissions, notices on special events such as essay contests, profiles of regular contributors to our programs, news about special guests, feature articles aimed at helping overseas listeners deepen their understanding of Japan, etc.

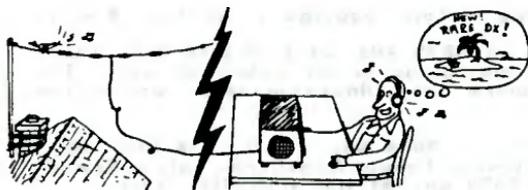
Letters and photos from listeners have helped make this periodical even more interesting to readers.

For many years, Radio Japan News was published monthly, but it now comes out 8 to 10 times a year.

The budget for Radio Japan News is limited, and the editorial staff are constantly seeking ways to improve efficiency. We

appreciate your patronage over the years and will continue to do all we can to provide you with useful information.





DX'ers Forum

Conducted By:
Chuck Rippe! WA4HHG - WDX4KUI
1272 Parkside Place
Virginia Beach, VA 23454
E-Mail through ODDX or ACE BBS
I.D.= Chuck Rippe!
Deadline: 17th of the Month

Spring has sprung here in South Eastern Virginia. On the heels of Spring is the implementation of Daylight Savings Time for many folks. For the DX'er, Daylight Savings Time is a two edged sword. Local time has moved "Forward" against GMT and the morning catches are available an hour earlier local time. However, for evening DX, you must stay up an hour later. Oh well, Indonesians anyone?

The coming of Spring means Summer is right around the corner. The very same hand-wringers who bemoan the lack of sunspots causing a decline in DX opportunities also will also insist that DX signals do not propagate in warm weather. This must explain the yearly phenomena which causes the seasonal apathy of SWL's. Summer does not spell the end of all DX as we know it. The noise level on the lower bands does tend to increase proportionally with distant electrical storm activity. This increased noise level makes low band DX'ing more difficult but certainly not impossible. Conversely, summer is a good time to pay closer attention to the higher frequencies, above 7 MHz, for equally good catches. Has anyone on the East Coast heard the SSB feeder of Radio Kiribati on 14.802? I see that it has been heard in the Mid-West between 2248 and 0100. How about Mauritius on 9.710 around 0400? Summer is a time to redirect your efforts, not cancel them.

Speaking of electrical storms, I can tell you from first hand experience you DO NOT want a QSL from a lightning bolt! Be aware though most lightning damage comes power line and ground surges. If a storm comes up, pull the AC cord out of the wall, remove the antenna lead-in and also the ground connection. Make sure all lead-ins to into the house are disconnected from your rig and are removed to OUTSIDE of the building. About 3 years ago my tower took a direct strike. The fiberglass 2 meter antenna on the top of the tower exploded into pieces no bigger than 1/16th or an inch square found over 1 city block. 3 radios were also destroyed even though the antennas were disconnected and grounded through 3- 20 foot copper pipes washed into the ground. The surge coming from the still connected grounds or AC main jumped the power switch like it wasn't even there! DON'T TAKE CHANCES!

I was particularly enthusiastic about April's NASWA Awards Program column. How about Gerald Bishop of Clark AB in the Phillipines who snagged 11 awards! Additionally, Harold Cones has received what I understand is the first "Papua New Guinea DX'er" award ever issued to anyone listening from the East Coast. The NASWA awards are certainly an achievement any DX'er can be proud of. They represent both a considerable amount of time invested in the hobby as well as a high level of personal competence and achievement. Congratulations to all!

In the first two columns, I stress the need to organize your SWL DX'ing activities, identify area(s) of interest and set a few goals. A workable plan will allow the DX'er to better distribute available time among these areas. Additionally, good organization can provide a more focused hobby direction. Contrary to what you might think, this type of organization does not necessarily serve to limit your potential areas of interest through placement of inflexible goals. Rather, think of your plan as a framework on which additional areas of interest can be added and built upon.

As you make progress toward your hobby goals, look back and see what an important part good planning played in making those goals become a reality.

Every once-in-a-while I come across tools that can be of assistance to DX'ers. Here are a few such items worthy of consideration:

The DX'ers Guide to Latin America offered by the folks at Fine Tuning, a DX organization devoted to monitoring "rare and difficult" DX. The Guide provides listeners with a comprehensive listing of all stations from Central and South America which are actually being heard in North America. More than 300 stations are included listed by country and frequency. Information on QSL policies and even verification signers are provided. In addition, each station is rated by a difficulty code for "easily heard" (E), "some difficulty" (SD), or "rarely heard" (R). This valuable tool is an absolute must for the serious Latin American DX'er. It is available (postpaid? ed.) for \$4.00 in North America and \$5.00 for foreign orders from:

Larry Yamron
Fine Tuning
351 Churchill Road
Pittsburgh, PA 15235 U.S.A.

Speaking of Fine Tuning, contrary to what may have been popular belief, that organization welcomes all who wish to contribute and receive the bulletin. If you feel contributing to a SWBC DX bulletin that emphasizes "rare and difficult DX" interests you, Fine Tuning is available for \$.50 per issue with a 10 issue minimum. In this author's opinion: it's well worth it! To subscribe, drop a line to:

Fine Tuning
8515 Scott
Wichita, KS 67210

Every DX'er should have an understanding of propagation below 7 MHz. "The DX Edge" is an easy to operate slide rule type device that can be an enormous help in trying to determine Sunset and Sunrise times, Gray Line, Long Path and, Short Path propagation. I have always advocated supporting suppliers and dealers who in return, support our hobby. The DX Edge can be found at one such dealer, Universal Shortwave. For a catalogue or better yet, an order here is the info:

Universal Shortwave
1280 Aida Drive
Reynoldsburg, Ohio 43068
(800)-431-3939

There are many of us who hold WPE and WDX SWL "call signs" that were issued by Hank Bennett in past years. The Great Circle Short Wave Society is an organization catering to those SWL's who hold these "call signs." Their interesting bulletin, the WPE Call Letter is published quarterly. They even have their own awards program! For more information, please contact:

Great Circle Short Wave Society (GCSS)
2 Whits Court
Newport News, VA 23606

I would like to take this opportunity to thank those associated with FRENDX for their input and kind remarks regarding the "ODDX Countries List." For those of you who may not be familiar with this publication or are just joining us after reading this months Contact, a further description may be in order.

The "ODDX Countries List" is designed to work with and support the present Radio Countries List and Awards Program now in the very capable hands of awards manager John (Kap) Kapinos. Indexed by Country within Continent, the primary function of the ODDX list is to accurately provide the DX'er with reception data for up to 2 different SWBC outlets in each of the 240 (241 if the Marshall Islands are added) countries on the NASWA Countries List. Taken

from actual loggings, the ODDX list provides frequency, time(s) logged and the date of the logging information. Brief comments on each station and sign on/off indicators are noted where applicable. Judging from the enthusiastic responses from those who have seen this 22 page document, I certainly recommend it for serious DX'ers and especially those interested in the NASWA Awards Program. The ODDX Countries List is available for \$3.00 from:

ODDX Countries List
P.O. Box 5791
Parkview Station
Newport News, VA 23605-5791

No, this is not an advertising column. The above is just a listing of potentially useful items for DX'ers.

When looking through the Log Reports, Update or QSL Report, do you ever wonder about the methods which were employed by the contributors to hear and identify some of the more difficult stations? There are identifiable elements in what I call "The DX Equation" which combine to allow SWBC outlets to be heard at a particular location. Some may feel this explanation is an over simplification of DX'ing. So be it.

The DX'er needing to be "at the right place at the right time" sounds like an obvious over statement of fact however, it calls attention to previous articles in this column and elsewhere regarding the important role of planning. Research supplemented by experience can allow time invested in DX'ing to be more effective and enjoyable. Sitting down in front of the radio to hear African outlets on 60 meters at local noon may not turn out to be very productive. Unless of course the listener happens to live in Africa. If you are not yet comfortable with applying propagation theory, check through back issues of hobby publications and find out when others in your general area have heard the station you are seeking.

The station has to be on the air. There may be times when propagation conditions favor reception of a particular station yet, it may be inaudible. Again, seemingly simplistic but one of the first questions a DX'er should consider is "are they on the air?" This question is especially relevant when smaller outlets found in third world countries are involved. Consider that broadcasters found in the tropical, 120, 90 and 60 meter bands, in many cases for reasons of cost, serve an entire country with 1 or 2 outlets. Early sign off times, religious holidays, political upheaval and even power outages are all reasons for broadcasters to alter schedules with no notice.

The signal in question has to be audible at the listeners location. There will be instances that even though an area of the world or an individual station which "should" be audible by virtue of time of day in relation to frequency being used, isn't. There are many factors which contribute to SWBC outlets being audible one day or one week but not the next. Here, patience learned through experience is the true ally of the DX'er. The hobby has many stories of the listener who kept trying for a particular DX catch night after night only to be rewarded with static until that one special night...

DX equipment should be capable of receiving the Station. The DX'ers receiver, antennas and support equipment should be in good working order and ready to operate when needed. No sense getting up in the middle of the night after careful planning to try and hear that rare one only to find the end of your antenna hanging broken from a tree. So much for being ready! Owning a "super receiver" is certainly nice. State of the art DX machines can make the difference under very adverse conditions but owning one is in no way a prerequisite for hearing good DX. On the other hand, many low priced units are simply not capable of dealing with the extreme challenges that in some instances can be found on today's crowded bands.

Experience and knowledge of the bands is the most important tool a DX'er can

possess. During any DX'ing activity, knowing what stations are normally where at a particular time helps spot that occasional rare find. Coming only from experience, this ability allows the DX'er to tune across a band and in a matter of a few minutes, evaluate it's potential. After evaluation, the DX'er may elect to change bands or invest more time in the one just surveyed.

The DX'er must be able to identify the station. This is the portion of DX'ing which is the most difficult and time consuming yet, carries with it the most responsibility. Responsible DX'ers strive for accuracy. They are accurate to themselves, in their reports to broadcasters and in information they submit for review by their peers. Consistent accuracy is a true measure of the competence of an individual DX'er. Because a station is heard at a particular time and frequency is certainly no guarantee it is the target being sought. There is nothing wrong with submitting a tentative logging as long it labeled as such. A discussion of the many variables involved in reaching accurate identifications has been covered in depth elsewhere and further discussion here would certainly require more space than is available.

This month brought news of two friends and fellow DX'ers from times past. I was glad to see an appearance by DX'pert Dan Henderson in the April edition of DX'tra. For those of you who don't know Dan, among his many contributions to FRENEX and the hobby in general was the administration of the NASWA Awards Program when it first started in the mid-1970's. Glad to see your name in print again in FRENEX Dan! Also, there was a note on the ODDX BBS waiting for me from Dan Ferguson. Dan was very active with FRENEX and NASWA in the early 1970's and made significant contributions to the hobby. He is now working for the VOA and lives in Dale City, VA which is just outside of Washington, DC.

In the style of Short Wave Center in issues past, this column would like to spotlight DX'ing various regions or areas of the world. An example of the type of material I am looking for can be found in the November 1983 FRENEX article by DX'pert Bill Sparks, "DX'ing the Indonesian Radio Countries." Those who would like to have such an article reprinted here should contact me. Examples of possible subjects include: DX'ing the Soviet Union, Malaysia, Africa, etc. Interested parties should contact me.

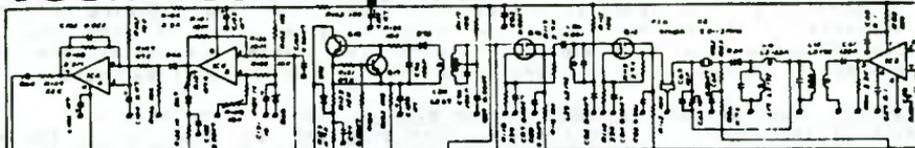
Suggestions from the readers of FRENEX are always welcome. FRENEX has always enjoyed the reputation of being your premier SWBC hobby publication. You, the reader and contributor are the reason this reputation has been maintained. Please, let your editors know what you would like to see covered or expanded upon as well as any constructive views on likes and dislikes. Constructive input provides your editors with direction. This ultimately benefits all readers with through a better publication.

* * *

FOR SALE: ICOM R-70 receiver. Like new, no modifications. Price \$400 including shipping. Also for anyone interested, three years of R. Nederland databooks featuring Dutch paintings, R. Korea 1987 databook and information book, SABC calendars including 1987, 1979 WRTVH. Package for \$12.00 including shipping. Carl Mann, 6505 Asbury Lane NE, Cedar Rapids, IA 52402.

FOR SALE: Sony ICF-6700W, \$135.00. Customized Beam Headings (from/to) and Distances (Mi/Km) to over 415 WRTH-87 transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.85. FRENEX, complete 1984, \$5.00. Confidential Frequency List and Guide to RTTY Frequencies, \$4.00 each. Radio Database International 85-86, part I and II, \$7.00. All items include shipping. Cashiers check or money order, please. Al Drehmann, Toute 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398. No collect calls, please.

Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, P. O. Box C-4, Cinnaminson, NJ 08077

A SESSION WITH THE BIG BOYS OR IS THIS ANY WAY TO REVIEW A BOOK?

We are fast coming up on the convention season folks. Radio conventions, hamfests, computer shows, etc. are all fun places to hang out and pick up the latest information on the hobby. If you go to a major club convention or ANARC's annual activity you will have the opportunity to meet some of the more famous (and infamous) folks in the DXing hobby. They are usually pretty easy to spot because newcomers to the hobby are pointing at them. Oldtimers are yelling greetings across the room at them in such a way that everyone in the room thinks they are buddies (even if they never met). When all the posturing and placating of the days activities deteriorates into the evenings parties you will likely find one hotel room, slightly off the beaten path, full of the hobby's "pros". There, away from the hubbub, some of the most intelligent information about our hobby is exchanged. No one is ever invited or excluded from this gathering of folks. Somehow you either belong or you don't and you know it going in. This is not to say that the experts of our hobby are snobs or elitists. Far from it. I have never met a "true" expert in the shortwave world who was not eager to talk with and help out the greenest novice. One of the things that makes this hobby great is the free exchange of information and skill that keeps each new generation as fresh as the last. But still, any beginner who stumbles into that after hours head session is going to find themselves outclassed.

Wouldn't it be great to have a room full of DXexperts all to yourself? Wouldn't it be neat to be able to ask a real silly question and not have anybody laugh at it? Wouldn't it be nice to learn how to succeed in the shortwave hobby while avoiding a lot of trial and error machinations?

Well take heart bunkey! Through the miracle of the printed word it is now possible for you to have that late night session with the pros anytime you want. My friends...I give you...

SHORTWAVE RADIO LISTENING WITH THE EXPERTS Edited by Gerry L. Dexter Howard W. Sams & Co.

Leave it to Gerry Dexter to pick up where DXING ACCORDING TO NASWA left off. SHORTWAVE RADIO LISTENING WITH THE EXPERTS is the most comprehensive users manual to the radio hobby ever published. Unlike some of the works of the past that drew on a few cool heads of the hobby, Gerry has pulled together 25 folks for the ultimate late night, back room bull session.

You start off sitting between FRED OSTERMAN and LARRY CUNNINGHAM who give you some suggestions on how to set up your shack for optimum effectiveness. IDI HARRINGTON joins the conversation to suggest the best antennas for your station and location. When your thoughts turn to what kind of receiver you plan to buy you can get up and cross the room to talk with LARRY MAGNE who has more test bench time with general coverage receivers than anyone else in the hobby.

With your station plans sorted out you can turn to the theory folks in the crowd to learn what to do with all this neat hardware. You can speak with DR. DAVID MEISEL who is truly a professional in the field of propagation. If you want to make sense out of all those foreign languages on the bands you will want to spend a little time with Dr. Richard Wood who probably speaks more of them than you do.

After the heavy discussions, you might slide over to where JERRY BERG is standing and get some tips on Tape recording that DX you are hearing. HENRY LAZARUS will clue you in on how to verify what shows up in your logs. JOHN HERKIMER will tell you how to design the paperwork to keep it all together.

It just wouldn't be a party without TERRY COLGAN coming over to tell you all about ANARC. I mean who could do a better job than the past Executive Director?

Don't leave the gathering without meeting BILL KRAUSE because he has been involved with computers and their impact on our hobby since the first home computers came out. You'll also want to get a few moments with ROBERT HORVITZ if you plan to understand the problem of The Russian Woodpecker.

Sitting in a darker corner of the room, avoiding the glance of FCC informants, is DARREN LENO an expert on pirate and clandestine radio. HARRY HELMS will be there talking about spy number stations.

If you dabble in medium wave listening when the other bands are dead you might want to spend some time with KARL FORTH. 2500 heard 1300 verified on BCB dxing is noteworthy to say the least. BRUCE ELVING will help you out with FM dxing and MIKE NIKOLICH will have plenty to say about UHF/UMF scanning.

If you have been wondering what happened to MIKE CHABAK since he stopped writing his column in SPEEDX you might step on up and ask him. He is sitting back with TOM HARRINGTON talking about RTTY and world press frequencies. MIKE WITKOWSKI is looking on, trying to get a word in about DXing on the ham bands.

JOHN CAMPBELL is an expert on European Pirate Radio and he is talking things over with ROGER LEGGE who probably knows the frequency schedules of Russian stations better than the KGB. Also RALPH PERRY is on hand to discuss Domestic Shortwave activity in the Andes. Talk of the Andes leads JOHN TUCHSCHERER to speak up about Tropical Band listening, his area of expertise. But soon BILL SPARKS turns the conversation to his pet area, Indonesian stations.

As the evening wears on, and you prepare to return to your own room, you are drawn back into the fold by DON JENSEN who gives you some sage advice on becoming a true DXpert.

What I have tried to do here, in a more or less creative way, is to give you a clue as to just how many years of experience and expertise are packed into 500+ pages. At \$22.95 that works out to about 92 cents per expert. You couldn't even buy them each a drink to pry the information out of them at that price.

Most of us old and medium timers in this hobby had the advantage of growing up with magazines like ELECTRONICS ILLUSTRATED and massive LAFFAYETTE catalogs to help us stumble through to our current level of achievement. Those days are gone, but in their wake we have GERRY DEXTER'S new book to give the newcomers a better chance than we ever had. By the way, "seasoned" veterans can learn a great deal from this book as well. I never had a real handle on grayline dxing until I read JOHN TUCHSCHERER'S Chapter 23.

I could only find two things wrong with this book.

Firstly, The title SHORTWAVE RADIO LISTENING WITH THE EXPERTS is misleading because the book really covers every facet of the radio listening hobby, not just the shortwave aspect. Scanner freaks and BCB DXers would enjoy this book as well.

And last but not least..

GERRY DIDN'T ASK ME TO CONTRIBUTE!!!

Maybe in the second edition GERRY could add a chapter, TRUE CONFESSIONS OF A GONZO DX JOURNALIST or CREATIVE BEERCAN STACKING AT RADIO CONVENTIONS. Come on Ger, give a guy a shot old buddy old pal.

SHORTWAVE RADIO LISTENING WITH THE EXPERTS No.22519

ISBN:0-672-22519-0

\$22.95

Howard W. Sams & Co.
A Division of Macmillan, Inc.
4300 West 62nd Street
Indianapolis, IN 46268 USA

You should have kept the beard, Terry.
Watch out for Anti-personnel cheese balls!
Keep those cards and letters coming in folks.
GOOD NIGHT BUDDY RICH WHEREVER YOU ARE!

73,

Ship WOLGHA

Computer Corner

Editor: Tom McElvy, P.O. Box 9645, Norfolk, VA 23505-0645

Hello again, and welcome back to the Computer Corner! We have a lot of new stuff to cover this issue, but first here is a late-breaking news flash:

**SWL BOARD NOW AVAILABLE
IN THE MONITORING POST BBS!**

Bob Mayer of the MONITORING POST BBS (312-289-0014) has now added a SWL SIG (Special Interest Group) to his BBS. Now, in addition to providing some of the best scanner information around, you can exchange info on the latest SWL loggings, or ask your fellow SWLs about something that you can't identify. Call the MONITORING POST BBS today and be sure to tell Bob that I sent ya!

As I stated last month, I got a very nice letter from my counterpart at ASWLC, Doug McClure. Doug has felt the same problem I have, that being a lack of input from the readers (hint-hint!) Anyway, we have agreed to an information exchange, in an effort to give our readers more information from more perspectives, on personal computing...

DATABASES

Doug McClure,
ASWLC Computer Editor

A database is a program that allows you to organize and work with a large amount of information according to your needs. It is like an index card file, but the idea of a database being like an electronic file cabinet is like calling a word processor an electronic pencil.

Let's take a moment and define some of the terms we will be using:

FIELD: A piece of information that makes up a record.
RECORD: One or more fields.
FILE: A set of records.
SORT: Puts records in numerical or alphabetical order.
REPORT: A printout of records in almost any user defined format.

(I'll give you some examples in a moment.)

There are two classes of databases; SPECIFIC and GENERAL PURPOSE. Some examples of specific databases are inventory or mailing list databases. You CAN use some word processors as databases, and in some instances it would be better, especially if you have to save large bodies of text and don't have to sort. I use a word processor as a database when I write my column for ASWLC.

If you need a specific purpose database, then get the one designed for that purpose. If you get a general database you must design a "form" that contains all the information that you need to work with. Use only the spaces you need as it will limit the amount of records you can have, but DO leave enough to meet your needs. The more characters you have, the longer it will take to sort, search and print.

The computers memory is limited in the amount of information it can hold, so save information frequently in case you exceed the limit. (Most programs will advise you when you hit the limits).

Do not search, sort or print more than necessary as it can cause the disk drive to overheat. Also, read the documentation that comes with the program carefully!

Files are kept as either sequential or relative. Relative files are superior to sequential because you can access some data without disturbing other data, and access it much faster. Sequential files must be stored into the memory of the computer before it can be used. (a word of warning to those using relative files-do NOT turn off the computer or anything connected to the serial bus if a file is open (drive activity light is lit). To do so will mean the almost CERTAIN destruction of the file. MAKE SURE THE FILE IS CLOSED!)

Right about now, someone is probably asking the \$64,000 question: "What's a sequential and relative file?" Well, a sequential file stores data one piece after another, and MUST be accessed SEQUENTIALLY, hence the name. A RELATIVE file, allows one to access data randomly on the disk, through the use of pointers on the disk. The only problem, as I stated earlier, is that relative files require specific handling-if you screw up, kiss the ENTIRE file good-bye!

Some of the databases available include Datalog, DataBase manager, Data Manager II, SuperBase 64, DataFile, the Mirage Database, and the Consultant. (ed note: The MIRAGE DataBase, even with it's publisher out of business, seems to be a fine program. I use it for most of my needs at work, which include account lists and Sales Prospect Lists. Not bad for approximately \$35. ODDX and GCSS have been using the DataFile series (Run Magazine) for mailing lists, and membership records, and it really fits the bill nicely..)

Let's take a look at some of the uses a SWL would have for a database. One of the first that come to mind is time and frequency information. You could use a general purpose database for this task, but there ARE some specific ones JUST for that purpose. Another use is the storage of station addresses, and QSL information.

Taking this last example, let's set up a QSL file using a general purpose database. We will set it up in a format similar to QSL Corner. For this, we will have 6 fields: Country, Station, Frequency, Date sent, Date Received, Comments. Allow 30 spaces for Country, 30 spaces for Station, 5 for frequency (as the most you will have is 5 digits), 7 for date sent, 7 for date received, and 75 for comments.

Referring back to the definitions, Frequency would be a field, the Country would be a record, having all the information in it, and the QSL collection would be a file.

As you can see, this is not exactly the same as QSL Corner in one respect (what a lead for my next little tidbit of info!). In the database, I put down the data sent and received, but in QSL corner, it has the number of days it took to get a reply. Whoever can guess what is coming up next can raise his right hand!. Finding the number of days between two dates is a mathematical problem, one quite suited to your computer. Sooooo, here is a short program to find the number of days between two dates:

```

10 DIM M(12)
20 FOR X=1to12
30 READ M (X)
40 NEXT X
50 PRINT"IS THIS A LEAP YEAR 1=YES 2=NO";
60 INPUT A
70 IF A=1THEN M(2)=28
80 PRINT" INPUT THE FIRST DATE (DAY,MONTH) "
90 INPUT D1,M1
100 PRINT" INPUT THE SECOND DATE (DAY,MONTH)
110 INPUT D2,M2
120 IF M1=M2 THEN DA=D2-D1:GOTO180
125 EM=M(M1)-D1
130 IF M1+1=M2 THEN 170
140 FOR X=M1+1 TO M2-1
150 DA=DA+M(X)
160 NEXT X
170 DA=DA+EM+D2
180 PRINT" THE NUMBER OF DAYS = ";DA
190 END
200 DATA 31,29,31,30,31,30,31,31,30,31,30,31

```

 Many thanks to Doug for his contribution to FRENDX! Hope that he can bring us
 some more data in the near future!

ODDX DISK NEARING COMPLETION!

The Old Dominion DX Association is putting the finishing touches on it's SWL
 PROGRAM DISK for the C-64. This disk will include the famous LOG and QSL REPORT
 FORMS, a Terminal Program, Grayline Program, and many other great programs for
 the SWL. Future versions will become available for the TRS-80 and MS-DOS
 formats. More on this as time goes on!



Found this little cartoon
 in a recent edition of a
 two-way radio industry
 magazine. Guess it says it
 all! If you are like me,
 it hits home really well,
 HIHI!

Hope to hear from you all
 next month! 'Till then, my
 best for good DX and 73!

73!
Tom

You are in violation of the privacy act!
 Come out with the scanner over your head!

NASWA Awards Program

Awards Chairman: John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

Greetings and welcome to the May Edition of the Awards Page. A record breaking 18 folks participated during the month of March, so we had best get to it.

Kirk ALLEN, Newkirk, OK: Arab World DXer; Master British Commonwealth DXer

Paul BUER, Miami, FL: Master Pacifica DXer

Dr. Harold CONES, Newport News, VA: African Continental DXPert; Papua New Guinea DXer; Master Pacifica DXer; Senior Radio Moscow DXer; Senior DX Centurian - 180 country endorsement

Rev. John C. ECKERT, Collegeville, PA: Arab World DXer

Steve FORST, Clifton Heights, PA: Senior Ecclesiastic DXer; Master British Commonwealth DXer; Senior Time Station DXer

Donald HOSMER, Dearborn, MI: Master British Commonwealth DXer

Brian HOWE, Ft. Charlotte, FL: World Wide DXer

C. Vernon HYSON, Charlotte, NC: Arab World DXPert

Ken KASHIWABARA, Panorama City, CA: DXer de Pacifica

Keiichi KONDO, Asahikawa City, JAPAN: Australian DXer

Rick KRZEMIEN, Walnut Creek, CA: All Continent "QRP" DXer - 10 KW

Walter F. KUNZ, Dunmore, PA: Senior British Commonwealth DXer

Edward KUSALIK, Coaldale, ALBERTA: Arab World DXPert

Stephen R. LARE, Holland, MI: Arab World DXPert; Master Pacifica DXer

Thomas A. MCELVY, Norfolk, VA: Ecclesiastic DXer

Sheryl PASZKIEWICZ, Manitowoc, WI: Master British Commonwealth DXer

Carroll WEYRICH, Baltimore, MD: Maple Leaf DXer

John M. WILKINS, Wheat Ridge, CO: Master Papua New Guinea DXer; Senior Time Station DXer; Senior Ecclesiastic DXer - 40 station endorsement

kap's KOMMENTS

Our sincere apologies to Andy Sennitt and the WRTVH staff for our erroneously reporting a couple of months ago that the WRTVH listed CKFX-Vancouver, BC as running 100 watts. The WRTVH has always correctly listed the power as 10 watts. A lesson ye old kap learned here, don't take someone else's word for it, check it out before you put it in print

The Ontario DX Association Awards Program has a new address: Box 161, Station A, Willowdale, Ontario, Canada M2N 5S8. \$1. will get you a copy of their fine Awards Program. As mentioned in previous columns ODXA uses, with permission, the NASWA Country List.

Our thanks to Roland Schulze of Stuttgart, West Germany for trying to get us a Radio Moscow German Language Report Form. Roland sent several German reports on German Language broadcasts to them and requested the German Language form. The QSLs arrived, but they were accompanied by English Language forms. Perhaps Radio Moscow does not have German forms.

As you may have noticed, there was no "KAP'S KORNER" column in the April issue, nor will there be one this month. Personal and professional responsibilities have precluded me from having the time to prepare the column properly. Thanks to all who have written, we'll try to get back on track soon.

Till next month

John M. Kapinos
4/20/82



Listeners Notebook

GLENN HAUSER, P.O. Box 490756, Fort Lauderdale, FL 33349

PROPER CREDIT Other publications and broadcasters may use material from LN, provided due credit be rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCMS permission. The most important items have been broadcast immediately on SWL DIGEST or WORLD OF RADIO, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time, not just on the envelope, as input for other outlets also comes to Box 490756. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT - UTC, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

ALGERIA RTA Channel One (Arabic Net), Algiers: 0000 on 6160, 0500 on 11715 6160, 0600 on 15205 11715 6160, 0803 on 15205 11715 7246-(not Fri) 6160, 1100 on 15205 11715 6160, 1400 on 15205 11715 7246-(not Thu/Fri) 6160, 1500 on 15205 11715 7246-(not Thu/Fri) 7145 6160, 1600 on 15205 11715 7145 6160, 1800-2400 on 6160. Programs include: 0500-0505 Stn identification and national anthem; 1238-1300 Thu, The Voice of the Workers; 1330-1400 Sat Medicine at the Service of the listeners, 1702-1800 The Voice of Palestine, 2000-2015 Fri, The Week's Events, 2203-2300 The Maghreb of the Peoples, 2315-2320 Programme preview.

RTA Channel Two (Kabyle Net), Algiers: on 7246: 0500-0803, 1100-1400, 1600-2200. However, on Fridays there's no break between 0803 and 1100; on Thursday and Friday no break 1400-1600.

RTA Channel Three (French Net), Algiers: 0458 on 15215 15160 9509, 1100 on 15160, 1200 on 15215 15160 9640 9509, 1900-2100 on MW only, 2100-2200 on 15215 9640, 2200-2405 MW only.

All HF channels are subject to variation. The times of some programmes may be changed during Ramadan (WBI 10/4) I believe this year Ramadan corresponds closely to May (gh) but see SWITZERLAND, of all places

ANGOLA R Nacional, Luanda, on 4820.2, regular on this freq and 1940 and also at 0508 with noticias (Roland Schulze, Stuttgart, Federal Germany, 23/3)

AUSTRIA /cf April LN/ R Austria Intl has a new director, Paul Lendvai, interviewed on the stn 2/4; indicates he has enthusiasm and determination to make SW svc a more influential news source (WBI 10/4)

RuI J87 to Nam changes 6155 to 9550, at 00-03, and also to WNam at 03-05; at 12-13 still on 15320 (ASWP 19/4)

BANGLADESH R Bangladesh, Dacca on 4890.03 at 1710 w/EG nx to 1715* 23/3 (Roland Schulze, GFR)

BELGIUM BRT in EG: M-F 08-0825 As/Am 15515 9880. M-Sat 10-1025 Af 175 95 15515. M-Sat 1330-1355 As/Am 15590 15515. M-Sat 1630-1655 Af 21810 17595. Daily 1730-1755 Eu/Af 5910 1512 and Sun only on 11985. Daily 21-2125 Eu/Am 9675 5910 1512. Daily 2330-2355 Am 9925 9675 (WBI 3/4)

RTBF Radio Four Intl, in FR only: M-F 0330-0515 Af 11660 9925, includes overseas service messages at 0405-0430. Sat 04-0430 Seamen pgm Af 11660 9925. Sat/Sun 0430-0515 Af 11660 9925. M-F 0530-0630 Af 17580 15540. Sat/Sun 0530-

0945 Af 17580 15540. Daily 10-1030 Eu/Af 17675 7140. 1030-1045 German from BRF-1 Eu/Af 17675 7140. 1045-12 Eu/Af 17675 7140 incl Seamen pgm Sat 1130-12, DX pgm Sun 1130-12. Sun 12-15 Eu/Af 17675 7140. Daily 15-1545 Eu/Af 17675 7140 incl svc for Belgians abroad exc Sun. 16-18 Af 17675 11660 incl Seamen pgm Sun 16-1630, The Week in Belgium Sun 1730-18, Pgm for Missionaries Tu/Th 1730-18, DX pgm Fri 1730-18. 18-2010 Sun/Wed/Sat Af 11660 9925 incl Seamen pgm Sat 1930-20. Mostly relays/rebcs of DS; ES pgm output of feature pgms amounts to about 25 hours per week. During winter time in Belgium, all xmsns one hour later (WBI 10/4)

It is interesting to note that now both BRT and RTBF bc in French and German but not in Dutch and English (gh)

BOLIVIA R Illimani, La Paz again on new fq, 4945.01; 24/3 0035-0115 or later in SP w/guitar mx, speaker w/applause, harmonica mx, children choir; 0056 Bolprov mx; 0104 clear IDs w/fqs (Roland Schulze, Stuttgart, Federalemania)

BRAZIL R Nacional do Brasil, Radiobrás stn, ES complete: 00-0050 SP Am 9655. 01-0150 SP Am 11745. 02-0250 EG Am 11745. 17-1750 PT Eu/ME/Af/Au on 15390. 18-1850 EG Eu 15265. 19-1950 GM Eu 15265. 20-2050 FR Eu/ME/Af 11765. 21-2150 PT Af 9760 (WBI 10/4)

CANADA There's now an extra minute of DX news on RCI SWL Digest, on the Sat 2008 and UTC Sun 0007 broadcasts only; make a point of monitoring these if you have a choice. Full sked of pgm for J87: Sat 2008 on 17875 17820 15325 11945, and via Daventry on 7130 9555. Sat 2137 on 17820 15150 11945. UTC Sun 0007 on 9755 5960. Sun 2307½ on 9755 11710. (gh)

COLOMBIA R Súper, Medellín, on new 4780.3, 23/3 0542 in SP w/IDs also as "Súper...Súper" w/LAm mx (Roland Schulze, Stuttgart, W Germany)

DOMINICAN REPUBLIC R Discovery issued new sked dated 1/4: 15045 only, Mon-Sat 18-01, with Sun to be added by mid-year; relays RTVD mx, sports and nx pgms to 2230, then UN Radio, and at 23-01 its own bilingual pgm This Is Santo Domingo. Still sporadic due to power outages (gh)

ECUADOR HCJB reported 27/3: President has ordered suspension of bcs by Quito stns R Éxito, R el Sol, R Democracia, on charges of conspiracy against the public order in bcs 25/3; suspension for 15 days (WBI 3/4) HCJB reported 1/4: 31/3 govt decided to allow the stns closed after the natl strike 25/3 to reopen; following meeting between head of Ec R Being Assn AER and Pres Febres; tapes of incident to be studied and report issued, to prevent such incidents in future (WBI 10/4)

FRANCE AFP reported 19/3: RFI to launch 24h being 29/3 to establish it as a primary source of world nx. Henri Tezenas du Montcel, RFI pres appointed last Dec, said new pgm'd include 23 daily nx bulls. Considers it a scandal that RFI is present in SEAs only 3½ hpd; working on getting permission to bc there and to start Arabic bcs. Weekly output 756 hours, in FR plus 12 other langs; budget 360 megafrancs a year (55.4 mega\$) and employs 430 people, incl 200 journalists (WBI 27/3) They haven't noticed new EG at 0200 & 1110 (gh)

GERMANY WEST DPA reported 19/3: DW is expecting intl competition and says it must considerably increase its xmr capacity to remain audible abroad. Günter Rössler, DW tech dir, told journalists DW was currently in tenth place in terms of number of SW xmr; would fall further behind w/out addl efforts. With 15 addl xmr, DW'd be able 'to some extent' to maintain its position, needing 100 megamarx for this, of which 80 would be for technical being. Rössler said USSR had the most SW xmr, arnd 300, of which about 45 were 500 kW. USA had over 200, incl only four 500 kW, but had ordered over 50. BEC had 80 xmr, 12 of them 500 kW; and DW had 30, nine of them 500. Rössler said he was convinced SW would continue to be an important medium for next 20 or 30 yrs. It was now necessary to convince the Fedl govt of the need for an expansion of xmr (WBI 27/3) Yep, sure is hard to hear DW at present... (gh)

GUAM KSDA J87, assuming 2 xmr are in use: Xmr 1: 11700 09-11. 11965 20-23. 11980 11-17. 15125 23-02. 17865 02-07. 17855 07-09.

Xmr 2: 7365 20-21, 14-16. 9465 11-14. 11700 21-05. 11980 05-11 (George Jacobs & Associates)

GUINEA Rdf-TV Guineanne, also IDing as R Conakry and R Guinea. on 4900, 1404 and VHF FM domestic svc: Mon-Sat 0557-08, Sun 08-12, daily 12-24 incl pgm pvw at 0603-0605, 0803-0805, 1203-1204 (exc Sun); English nx at 1848-1853 daily. Following fqs have been used irregularly in past but not confirmed during this survey: 15310 variable, 9650, 7125, 6155 (WBI 3/4)

ICELAND ISBS, Reykjavik, on 3400 from 1928 to 1930* in IC. political rpt. short piece of mx, 1929 ID, 26/3. Also hrd on 4923, best in USB, from 2239 in IC, 2240 6 gongs, idents, political rpts and visit by Thatcher to Gorbachov in Moscow, 2255 abrupt s/off, 2258 off but *2300 again with nx 27/3 (Roland Schllze, Stuttgart. W Germany)

INDIA AIR reported 30/3: Setting up 110 new radio stns is proposed during the seventh plan /1985-90/. Fifty AIR xmtrs are to be upgraded during the period. Info & BC Minister, Mr Ajit Panja, gave this info in reply to written question in the Lok Sabha 30/3.

AIR reported 1/4: Annual plan of AIR includes provision of setting up new stns at Agra, Gangtok /SIKKIM/, Jamshedpur and Tura (WBI 10/4)

INDONESIA V of Indonesia varying arnd 11788v (nom 11790) at *08-17* // 15150 unhrd, first noted 1/3 (Hiroyuki Ishii, Tokyo, Indonesian DX review) RRI Jakarta, 6553, 6/2 1159 Rayuan Pulau Kelapa poor (Hiroschi Fujita, Osaka, ibid.) 2 x 3276.5 (IDXR ed)

IRAN Monitoring 21-23 Mar: VIRI began expanded external 'Familiar Voice' svc in Persian on 23/3 and not as previously ancd on 21/3. New 1430-1630 svc ancd for listeners in Indian subcontinent hrd on 15084 only, consisted largely of mx and poetry, possibly due to continuing Iranian New Year holidays. This replaced previous relays of DS pgms. Ancd 9022 did not come on air until later and carried 1515-1615 Russian. 1615 switched to VIRI DS in PS. 1630 9022 joined by 15084 to carry main 'evening' dom nx. After nx, 9022 carried VIRI sked formlang ES while 15084 combined w/domestic pgms. But by 1800 it had become impossible to trace xmns on 15084 in order to confirm existence of ancd 1830-2030 Familiar Voice svc for Eu. Exact confirmation of the later FV was complicated by fact that 9022 was off air 2008-2145. During this period it was replaced by 6220. But at 2130 after relay of domestic 'midnight' (2030 gnt) nx, start of FV svc ancd for 9022. 24/3, 15084 again carried FV 1430-1630 while 9022 had this: 1515-1615 Russian, 1615-1715 relay DS, 1715-18 GM, 1830-1930 TK, 1930-2030 EG, 2030-2130 relay DS, 2130 onwards FV. The last above-mentd xmsn also on 15084 and 9555. Monitoring continues to establish full new sked (WBI)

ISRAEL VOI DX Corner ancd 12/4 that w/intro of DST 15/4, all bcs'd be hrd one hour earlier. Net B in Hebrew'd be relayed on SW: 0258-0510 13750 11655 11605 9385. 0510-11 17620 17555 15615 13750. 11-13 17620 17555 15615 15095 13750 11585. 13-1530 15095 11585. 1530-1730 15615. 1730-20 15615 15095 13750 11585 9460. 20-2210 15095 13750 11585 9460 9385. Monitoring since 8/3 shows that on Sun, Mon and Tue, Net-A relayed on 11585 & 9385 20-22 instead of B. During this period, B continued hrd on 13748 11655 7485 (WBI 17/4)

JAPAN Ad on next page appeared on page 80 of Time, April 6 (via Eric Falckenhan, Baltimore MD) Note they got the time wrong for LA--by PDT, 7-9 am (gh)

KASHMIR A Z A D AKR, 4890, 23/3 0110 w/nx in unk As lang, ID as Trar-khel, equal signal to co-channel Ecos del Torbes, SINPO 43333 (Schulze, GFR)

LAOS Monitoring 29/3: 11-1130 French from NRL now hrd on 15190 and 11830 ex-11870, relayed via USSR (WBI 3/4)

LIBERIA AFP reported 24/3: religious radio stn, R Bahai, inaugurated in Monrovia, making total of 3 religs in country. 5 kW xmtr can cover entire Lib coast. R Bahai set up w/funds provided by Bahai members worldover. First Bahai stn in Af, per Bill Frank Enoanyi, stn managing dir (WBI 3/4) Naturally, fq of stn is insignificant datum as far as AFP is concerned. Probably MW or FM, but SW not impossible (gh)

MACAO RDP Intl reported 13/4: Port Radio-TV (RTP) and Macao TV (TDM) are studying formation of a joint company w/HQ in Macao aimed at producing pgms a-

Microcomputers have really simplified worldwide communication. Via MCI Mail, I can send and receive electronic mail, including Telex, around the world. George Wood of Radio Sweden International and I regularly exchange information on a same-day basis. Last month, as I could not get any information on the English portion of Radio Japan's Sackville relays, nor on Radio New Zealand's current schedule, I sent two short Telex messages out through MCI Mail the Tuesday night before the Saturday deadline. I had answers the next evening from the Research Unit of NHK and Rudi Hill, Manager at RNZ. MCI Mail and Compuserve subscribers can exchange mail too, so long as the account number(s) are known. The costs are very reasonable. Messages of up to 750 words can be sent for 45 cents! If MCI Mail is of interest to you, call 800-424-6677 for information. It is a slick way to communicate. NASWA editors using micros should take a good look at it as a way to receive reports from contributors... up to the last minute before deadline.

The MUF really jumped in early April. Tashkent in its morning transmissions is readable on all frequencies; usually only 41a is heard. North Korea at 1100 on 9977 has once again become quite comfortable to listen to as the flux approaches 100. The 15150 and 11780 outlets of Radio New Zealand after 0330 have come up out of the noise too. As announced on Radio Nederland April 23, a new 6-days-per-week (Mon-Sat) propagation service from Radio Australia commences May 4. In addition to the solar flux, sunspot number, and A-index, a forecast for the next 24 hours will be given. The times of this broadcast are 0425, 0825, 1225, 1625, and 2025. Your comments on the new service are wanted.

R Japan has reduced the airings of DX Corner to four per week in its 6DS services: Sundays 0930, 1130 and 2330, Monday 0330 UTC. Japan also dropped regional services to Australia/New Zealand. R France Int'l has restructured its English news broadcasts, now at 0200, 0330, 0415 and 1110; frequencies not announced, but were derived by band scanning. I understand Prague is redoing its English to Europe schedule between 19 and 24 UT, but I don't have the correct information yet. I can't hear the HCJB test transmission to the Far East at 1200 (on 6075) any longer, nor was it announced in recent frequency schedule updates aired on DX Party Line; I think it has been dropped. R RSA was testing a fourth, new, frequency (9695) at 0200 UT. Kuwait on 11675 at 1800+ has some very nice... relaxing... music in the afternoon hours. Radio Korea's transmission times listed are effective May 15, adjusting for summer time. HCJB changed some long standing frequencies to NA. HCJB will be experimenting on 26020 kHz, using SSB with 100 watts, Saturdays at 1800-1830 UT. KCBI consistently has a poor signal here, buried by cochannel and adjacent channel interference on both sides (there are at least 3 stations on 11740, and 2 on 11730), and trying to listen to Friday's World of Radio at 1930 UT is a waste of time week after week. Neither the NRD-525 (with a 400' wire) or the R-71A (with a 250' wire), even with the new Datong FL-3 audio filter from Gilfer, can make any sense of the garbage when KCBI is an s-3 and the adjacent channels' summed signals, mostly Arabic music, are 20 db/9 on each frequency. Additionally, Radio Earth at 0300 on 7355 also suffers badly from Spanish language (?) cochannel interference.

Those broadcasters or broadcasting representatives reading this are requested to place us on your mailing list for schedules. My deadline is the last Friday of each month (0100 UT Saturday). Information can be telexed (or sent via one of the other E-mail services) up to deadline; I check my accounts (listed below) regularly.

Thomas R. Sundstrom	:	Telex:	6502446376 (via WUI)
PO Box 2275	:	MCI Mail:	244-6376
Vincentown	:	The Source:	BCFB11
NJ 08088-2275	:	Compuserve:	(send via MCI Mail)
	:	Packet Radio:	W2XQ @ W82MNF
	:	Pinelands RBBS:	609-859-1910 (24/12/3 8N1)

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time
Compiled by Thomas R. Sundstrom, W2XQ

Start Time (UTC)	End Time (UTC)	Country	Station	Freq 01	Freq 02	Freq 03	Freq 04	Freq 05	Freq 06	Freq 07	Freq 08	Target Area	Notes	Record Last Updated
0000	0100	Australia	R Australia	17795	17750	15395	15320	15240	15160	15140		As/Pac/PapMG		03/14/87
0000	0100	Canada	R Canada Int'l	9755	5960							NA	Sun-Mon	03/14/87
0000	0100	China	R Beijing	9550								ENA		02/09/87
0000	0200	Cuba	R Havana	9740	6090							Americas		09/13/86
0000	0300	Dominican Republic	R Discovery	6245										04/14/87
0000	0045	German Dem Rep	R Berlin Int'l	9730	6080							ENA		01/10/87
0000	0100	Guan	AWR	15330									N-F	04/05/87
0000	0030	Israel	Kol Israel	11610	9855	9435						NA		04/05/87
0000	0050	North Korea	R Pyongyang	15160	15140							Am		04/17/87
0000	0030	Norway	R Norway	9605	9580							ENA/CA/SA	Eng Mon only	04/13/87
0000	0100	Spain	Sp Foreign Radio	9630	6125							NA		09/04/86
0000	0200	USA	WCSN	7365								Eu/Afr		04/04/87
0000	0300	USA	WRNO	7355										04/04/87
0030	0130	Ecuador	HCJB	11910								Americas		04/19/87
0030	0100	Portugal	R Portugal	9680	6095							ENA	Tue-Sat	04/12/87
0035	0200	Ecuador	HCJB	15155	11775	9870						NA		04/22/87
0045	0130	German Dem Rep	R Berlin Int'l	9730	6080							ENA		01/10/87
0050	0110	Vatican State	Vatican Radio	11780	9605	6030						NA		04/12/87
0100	0200	Argentina	RAE	11710	9690							Americas		09/02/85
0100	0200	Australia	R Australia	17795	17750	17715	15395	15320	15240	15180	15160	As/Pac/PapMG		03/14/87
0100	0130	Canada	R Canada Int'l	11940	11845	9535						LA		11/12/86
0100	0157	Czechoslovakia	R Prague	11990	9760	7345	6055	6015	5930			NA		03/07/87
0100	0150	Fed Rep Germany	R Deutsche Welle	11785	9565	9545	6145	6085	6040			ENA	9545 Malta relay	09/07/86
0100	0130	Hungary	R Budapest	15160	11910	9835	9585	9520	6025			NA	Tue-Sun	04/18/87
0100	0130	Israel	Kol Israel	11610	9855	9435						NA		04/05/87
0100	0120	Italy	RAI	11800	9575							NA		04/12/87
0100	0130	Japan	R Japan	17845	17810	15280						GOS/Asia		04/22/87
0100	0200	South Korea	R Korea	15575	7275							Am/GOS		04/21/87

0100	0200	Spain	Sp Foreign Radio	9630	6125				NA		09/04/86	
0100	0300	USA	WHRI	9852					SA/Carib		03/08/87	
0101	0230	Canada	R Canada Int'l	9755	5960				NA	Tue-Sat	03/14/87	
0115	0200	German Dem Rep	R Berlin Int'l	9730	6080				ENA		04/09/87	
0130	0200	Austria	ORF	9550					NA		04/24/87	
0130	0138	Greece	V of Greece	9420	9395	7430			NA	Eng news	02/17/87	
0145	0330	New Zealand	R New Zealand Int'l	15150	11780				Pac/Aus/Melanesia	Sat only	04/24/87	
0200	0230	Australia	R Australia	17795	17750	17715	15395	15240	15180	As/Pac/PapMG		03/14/87
0200	0250	Brazil	R Bras	11745					NA/CA		06/04/86	
0200	0400	Cuba	R Havana	9740	6190	6140	6090		Americas		09/13/86	
0200	0500	Ecuador	HCJB	11775	9870	6205			NA		04/22/87	
0200	0330	Egypt	R Cairo	9675	9475				NA		07/20/86	
0200	0250	Fed Rep Germany	R Deutsche Welle	9690	9615	7285	6035	5995	As		04/04/87	
0200	0206	France	R France Int'l	9800	9790	9715	6115	6055	5950	Afr/ME/LA	04/12/87	
0200	0245	German Dem Rep	R Berlin Int'l	9560	6010				WNA		04/09/87	
0200	0300	Guam	AMR	17780						M-F	04/05/87	
0200	0230	Hungary	R Budapest	15160	11910	9835	9585	9520	6025	NA	04/18/87	
0200	0300	Poland	R Polonia	11815	9525	7270	7145	6135	6095	NA	08/07/86	
0200	0255	Romania	R Bucharest	11940	11810	9570	9510	6155	5990	NA	06/24/86	
0200	0256	South Africa	Radio RSA	9695	9615	6185	6010		NA		04/05/87	
0200	0230	Switzerland	R Swiss Int'l	12035	9885	9725	9625	6135	NA		10/18/86	
0200	0300	Taiwan	V of Free China	15345	11745	11740	9765	9685	9555	5985	NA/Jap/As/CA/AusNZ	MYFR:11745,9680,5985
0200	0400	USA	WCSN	9815					Eu/Afr		04/04/87	
0200	0230	USSR	R Kiev	13645	11860	11790	7305	7165	6200	NA	03/28/87	
0230	0300	Albania	R Tirana	9760	7065				NA		03/07/87	
0230	0300	Australia	R Australia	17795	17750	17715	15240	15180	As/Pac/PapMG		03/14/87	
0230	0325	Netherlands	R Nederland	9895	9590	6165	6020		ENA	9590, 6165 v Bonaire	04/23/87	
0230	0300	Sweden	R Sweden	9695					S As		11/12/86	
0258	0400	USA	WHRI	7355					SA/Carib		04/04/87	
0300	0400	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	11945	As/Pac/PapMG/Afr
0300	0400	Austria	ORF	9550					NA	Sunday only	04/24/87	
0300	0400	Bulgaria	R Sofia	7115					NA		04/12/87	
0300	0330	Canada	R Canada Int'l	9755	5960				NA	Sun-Mon	03/14/87	
0300	0400	China	R Beijing	15445	11980	11970	9645		WNA		02/09/87	
0300	0357	Czechoslovakia	R Prague	11990	9700	7345	6055	6015	5930	NA	03/07/87	
0300	0350	Fed Rep Germany	R Deutsche Welle	9565	9545	6045	6010	5995	NA		04/04/87	
0300	0315	Hungary	R Budapest	15160	11910	9835	9585	9520	6025	NA	Med & Sat	04/18/87
0300	0400	Japan	R Japan	17845	17810	15280	5960		60S/Asia/NA	5960 v Sackville	04/22/87	
0300	0400	Poland	R Polonia	11815	9525	7270	7145	6135	6095	NA	08/07/86	
0300	0330	Portugal	R Portugal	9705					WNA	Tue-Sat	10/21/86	

0300	0540	South Africa	R Oranje	3215						Regional		01/18/87	
0300	0530	South Africa	R Suid Africa	3955						Regional		01/18/87	
0300	0530	South Africa	Radio 5	4880						Regional		01/18/87	
0300	0426	South Africa	Radio RSA	9585	7270	5980	4990	3230		Afr		09/16/86	
0300	0400	Taiwan	V of Free China	15345	11745	9765	9685	9555	5985	NA/Jap/As/Aus/NZ	MYFR:9655,5985	04/04/87	
0300	0350	Turkey	V of Turkey	17760	9560					SE As/NA		04/12/87	
0300	0600	USA	WRNO	6185								04/04/87	
0300	0700	USSR	R Moscow	13640	12050	11770	9680	7170		WNA	add'l freqs in use	04/22/87	
0301	0330	Japan	R Japan	17825	11870					GOS/Am		04/14/87	
0310	0330	Vatican State	Vatican Radio	6150							experimental xmsn	06/04/86	
0330	0400	Albania	R Tirana	9760	7065					NA		03/07/87	
0330	0400	Austria	ORF	9550						NA	Mon-Sat	04/24/87	
0330	0345	France	R France Int'l	9800	9790	9535	7175	7135	6175	6055	Afr/ME/LA	04/12/87	
0330	0415	German Dem Rep	R Berlin Int'l	9560	6010					WNA		04/09/87	
0330	0400	Sweden	R Sweden	11705						ME		11/12/86	
0330	0415	United Arab Emirates	R Dubai	15320	11940	9640	9595			NA		04/05/87	
0340	0348	Greece	V of Greece	9420	9395	7430				NA	Eng news	02/17/87	
0345	0730	New Zealand	R New Zealand Int'l	15150	9540					Pac/Aus/Melanesia		04/24/87	
0359	0600	USA	WHRI	7400						SA/Carib		04/18/87	
0400	0500	Argentina	RAE	11710	9690					Americas		05/31/86	
0400	0500	Australia	R Australia	17795	17715	15320	15240	15160	11945	11910	As/Pac/PapMG/Afr	03/14/87	
0400	0500	China	R Beijing	11980	9645					WNA		02/09/87	
0400	0500	Cuba	R Havana	9740	6190	6140	6090	6035	5965	Americas		09/13/86	
0400	0415	Israel	Kol Israel	17620	11960	11585	9815	9435		NA/Eu/As/NZ		04/05/87	
0400	0425	Netherlands	R Nederland	9895	7175					ME/E Afr		09/19/86	
0400	0430	Norway	R Norway	11735	9650					ME/WNA	Eng Mon only	04/13/87	
0400	0455	Romania	R Bucharest	11940	11810	9570	9510	6155	5990	NA		11/13/86	
0400	0430	Switzerland	R Swiss Int'l	12035	9885	9725	6135			NA		05/24/86	
0400	0600	USA	WCSN	9465						Eu/Afr		04/24/87	
0415	0430	France	R France Int'l	9800	9790	9550	9535	7175	7135	6175	6055	Afr/ME/LA	03/07/87
0430	0500	Albania	R Tirana	11835	9480					Afr		12/24/86	
0430	0500	Austria	ORF	11830	9550	5945				ME/WNA/Eu		04/24/87	
0430	0515	Fed Rep Germany	R Deutsche Welle	11765	9765	9565	7225	7150		S&C&E Afr		04/04/87	
0430	0455	Finland	R Finland	11755	11715	6120				NA/Eu/ME		04/04/87	
0500	0600	Australia	R Australia	17795	17750	17715	15395	15240	15160	11910	As/Pac/PapMG	03/14/87	
0500	0600	Cuba	R Havana	9740	6190	6090	6035	5965		Americas		09/13/86	
0500	0700	Ecuador	HCJB	11775	9870	6205				Americas		04/22/87	
0500	0550	Fed Rep Germany	R Deutsche Welle	9635	6130	6120	5960			WNA		04/04/87	
0500	0600	Japan	R Japan	17810	15280	15235	11705			GOS/As/NA/Oceania		04/14/87	
0500	0800	Kuwait	R Kuwait	15345						Far E/S&E As/Aus/NZ		04/18/87	

0500	0530	Norway	R Norway	15180	11735				ME/E Afr	Eng Mon only	04/13/87		
0500	0600	South Korea	R Korea	9570	7275	6060			Am/GOS		04/21/87		
0500	0600	Spain	Sp Foreign Radio	6125					WNA/Aus/NZ		02/17/87		
0515	0530	Canada	R Canada Int'l	15180	11840	9750	7295	6140	6050	Eu/Afr/ME	v UK exc 9750, 6140	03/29/87	
0530	0545	Czechoslovakia	R Prague	11990	9505	6055			Eu			10/11/86	
0530	0625	Netherlands	R Nederland	9715	6165				WNA	via Bonaire		09/19/86	
0530	0600	Romania	R Bucharest	15380	15340	11940	11840	9685	9530	Afr		12/14/86	
0530	0600	United Arab Emirates	R Dubai	21700	17775	15320	11730			Far E/Aus/As		03/16/87	
0535	1550	South Africa	R Suid Africa	7285	6005					Regional		01/18/87	
0535	1550	South Africa	Radio 5	7170						Regional		01/19/87	
0545	0600	Canada	R Canada Int'l	15180	11840	9750	7295	6140	6050	Eu/Afr/ME	v UK exc 9750, 6140	03/29/87	
0545	1545	South Africa	R Oranje	6150						Regional		01/18/87	
0600	0630	Australia	R Australia	17795	17750	17715	15395	15315	15240	15160	11945	As/Pac/PapNG/Afr	03/14/87
0600	0645	German Dem Rep	R Berlin Int'l	11810						Afr		04/18/87	
0600	0800	USA	WCSN	9465						Eu/Afr		04/24/87	
0600	0800	USA	WHRI	9620						Eu/ME		04/21/87	
0615	0700	Fed Rep Germany	R Deutsche Welle	15185	11765	9700	9625			M Afr		04/04/87	
0630	0700	Albania	R Tirana	9500	7065					Eu		12/24/86	
0630	0700	Australia	R Australia	17750	17715	15395	15315	15240	15160	11945	11910	As/Pac/PapNG/Afr	03/14/87
0630	0700	Austria	ORF	15410	6155	6000	5945			ME/W Afr/Eu		10/13/86	
0630	0700	Bulgaria	R Sofia	11720	9700					M Eu		04/12/87	
0630	0655	Finland	R Finland	11755	9560	6120				Eu		04/04/87	
0630	0655	Netherlands	R Nederland	11930	9895					M Afr		09/19/86	
0630	0730	South Africa	Radio RSA	15240	11900	9585	7270			StW Afr/UK/Ireland		03/09/87	
0630	0700	Switzerland	R Swiss Int'l	15430	12030	9870				Afr		05/24/86	
0645	0715	Romania	R Bucharest	21665	17805	17790	15340	15250	11940	Pac		11/13/86	
0650	0830	Ecuador	HCBJ	11835	9845					Eu	Sat-Sun 0700-0830	04/22/87	
0700	0730	Australia	R Australia	17750	17715	15395	15240	15160	9655	5995	As/Pac/PapNG	03/14/87	
0700	1030	Ecuador	HCBJ	11925	9745	6130				S Pac		04/18/87	
0700	0725	Finland	R Finland	11755						Eu	Sat only	04/04/87	
0700	0800	Japan	R Japan	17810	15280	15230	15195	11875	11705	GOS/As/Am/Oc/Eu/ME	15230 Gabon relay	04/22/87	
0700	0800	South Korea	R Korea	13670	7550					Eu/ME/Afr		04/21/87	
0700	0800	Taiwan	V of Free China	5985						NA	via WYFR	07/21/86	
0715	0900	Guam	KTWR	11750							Sun	04/11/87	
0720	0900	Guam	KTWR	11750							Fri-Sat	04/11/87	
0730	0800	Australia	R Australia	17750	17715	15395	9655	5995		As/Pac/PapNG		03/14/87	
0730	0800	Czechoslovakia	R Prague	21705	17840	11855				StE As/Pac		10/11/86	
0730	0825	Netherlands	R Nederland	9715	9630					NZ/Aus		09/19/86	
0735	0900	Guam	KTWR	11750							Non-Thu	04/11/87	
0800	0830	Albania	R Tirana	11835	9500					As/Aus		12/24/86	

0800	0900	Australia	R Australia	17750	17715	15395	9655	9580	As/Pac/PapMG		03/14/87		
0800	0825	Belgium	BRT	15515	9880				SE As/NA	Non-Fri	03/20/87		
0800	1000	USA	WCSM	9465					Eu/Afr		04/24/87		
0800	1100	USA	WHRI	7355					Eu/NE		11/07/86		
0815	0900	German Dem Rep	R Berlin Int'l	9730	7185	6040			Eu	Sa/Su	04/09/87		
0828	0855	Netherlands	R Nederland	9630					Aus	weekdays	09/19/86		
0830	0900	Austria	ORF	15410	11915	11840	6155	6000	ME/Aus/As/Eu		02/26/87		
0830	0900	Czechoslovakia	R Prague	21705	17840	11855			S&E As/Pac	Sat & Sun to 0930	10/11/86		
0830	0855	Finland	R Finland	15245	6120				Eu/E As		04/04/87		
0830	0925	Netherlands	R Nederland	21485	17575				Asia		09/19/86		
0830	0900	Switzerland	R Swiss Int'l	15570	11905	9885	9560		Aus/NZ		10/18/86		
0900	1000	Australia	R Australia	15415	9710	9655	9580		As/Pac/PapMG		03/14/87		
0900	0915	Austria	ORF	11915	6155	6000			Eu	Sunday only	02/26/87		
0900	0950	Fed Rep Germany	R Deutsche Welle	21680	21560	17800	17780	17715	15205	15185	15160	Aus/As	04/04/87
0900	1000	Japan	R Japan	17810	11875	11840			GOS/As/Oc		04/22/87		
0900	fade	Papua-N Guinea	ABC-Port Moresby	4920							09/08/85		
0930	0940	Canada	R Canada Int'l	9755	5960				Carib	Non-Fri	11/12/86		
0930	1000	Hungary	R Budapest	21665	21525	17710	11910	9835	Aus/NZ/Japan		04/18/87		
0930	1000	Sweden	R Sweden	15390					Aus/NZ		03/16/87		
1000	1030	Australia	R Australia	15415	9655	9580			As/Pac/PapMG		03/14/87		
1000	1025	Belgium	BRT	17595	15515				Afr	Non-Sat	03/20/87		
1000	1030	Fed Rep Germany	R Deutsche Welle	21600	17765	9735	7225		S&C&E Afr		04/04/87		
1000	1100	India	AIR	17875	15335	15320	11940	11725	GOS/E As/Aus/NZ		04/17/87		
1000	1030	Israel	Kol Israel	17815	15640	11605	11585		Eu/Aus/As		04/05/87		
1000	1030	Norway	R Norway	15230	15175	11870			ME/W Afr/Eu/Far E/NZ Eng Sun only		04/13/87		
1000	1100	South Korea	R Korea	15575					ME/Afr		04/21/87		
1000	1030	Switzerland	R Swiss Int'l	15570	11905	9885	9560		Aus/NZ		10/18/86		
1000	1200	USA	WCSM	17640					Eu/Afr		03/29/87		
1030	1100	Australia	R Australia	15415	9580				As/Pac/PapMG		03/14/87		
1030	1130	Ecuador	HCJB	11925	6130				S Pac		04/18/87		
1030	1125	Netherlands	R Nederland	9650	6020				Aus/Carib		09/19/86		
1030	1215	New Zealand	R New Zealand Int'l	9540	6100				Aus/Melanesia		04/24/87		
1030	1130	United Arab Emirates	R Dubai	21605	17775	15320	11940		Eu/Afr		03/16/87		
1045	1100	Romania	R Bucharest	15250	11940	9690			Eu	Non-Sat	12/14/86		
1050	1120	Hungary	R Budapest	17710	15160	11910	9835	9585	6025	Eu	Non-Fri	04/18/87	
1100	1130	Australia	R Australia	11800	11705	9770	9710	9645	9580	7215	6080	As/Pac/PapMG	03/14/87
1100	1200	China	R Beijing	9535					ENA		06/16/86		
1100	1125	Finland	R Finland	15400	11945				NA	Non-Fri	04/04/87		
1100	1200	Japan	R Japan	17810	6120	5990			GOS/Asia/NA	6120 v Sackville	04/22/87		
1100	1150	North Korea	R Pyonngan	9977	7500				As		04/17/87		

1100	1115	Pakistan	R Pakistan	17660	15606					Eu		01/19/87	
1100	1156	South Africa	Radio RSA	21590	15230	9585				Afr/ME/UK/Ireland		03/09/87	
1100	1130	Sweden	R Sweden	21690	9630	6065				Eu/Afr/ME	6065 M-F	02/09/87	
1100	1130	Switzerland	R Swiss Int'l	15570	11795	9870	9665			SE As/Aus/NZ		11/12/86	
1100	1300	USA	WHRI	5995						Eu/E Can		11/07/86	
1110	1125	France	R France Int'l	17620	15365	15315	15300	15195	11845	11670	9805	Afr/ME/W Eu	04/12/87
1130	1200	Albania	R Tirana	11855	9480						As/Aus	12/24/86	
1130	1200	Australia	R Australia	11800	11705	9770	9710	9645	9580	7215	6080	As/Pac/PapMG	03/14/87
1130	1200	Ecuador	HCJB	11740							Americas	04/18/87	
1130	1200	Fed Rep Germany	R Deutsche Welle	21600	17800	17765	15410				W Afr	17800,15410 v Kigali	04/04/87
1130	1225	Netherlands	R Nederland	21480	17605	17575	15560	9715	5955		Eu/ME/As	09/19/86	
1145	1230	German Dem Rep	R Berlin Int'l	17755	15240	11890	11705	9665			Afr	04/18/87	
1200	1230	Australia	R Australia	11800	9770	9710	9580	7215	7205	6080	6060	As/Pac/PapMG	03/14/87
1200	1230	Austria	ORF	15320	11915	6155	6000				ENA/Aus/As/Eu	Sunday only	02/26/87
1200	1300	China	R Beijing	11650	9535						ENA		09/04/86
1200	1600	Ecuador	HCJB	17890	15115	11740					Americas		04/18/87
1200	1225	Finland	R Finland	15400	11945						NA	Non-Sat	04/04/87
1200	1250	North Korea	R Pyongyang	9715	9600						As		04/17/87
1200	1230	Romania	R Bucharest	17720	15380	11740					As		11/13/86
1200	1225	USSR	R Tashkent	11785	9600	9540	7375	7275			As		03/28/87
1215	1330	Egypt	R Cairo	17675							As		01/10/87
1230	1300	Australia	R Australia	9770	9580	7215	7205	6080	6060	5995		As/Pac/PapMG	03/14/87
1230	1300	Austria	ORF	15320	11915	6155	6000				ENA/Aus/As/Eu		02/26/87
1230	1700	Jordan	R Jordan	9560									02/01/87
1230	1300	Sweden	R Sweden	17790	15190						S As/E As		04/14/87
1235	1243	Greece	V of Greece	15630	11645						NA	Eng news	03/08/87
1255	1430	USA	WRNO	9715								Sun	04/04/87
1259	1600	Canada	R Canada Int'l	15440	11955						NA/Carib	Sun	03/29/87
1300	1400	Australia	R Australia	9580	7205	6080	6060	5995			As/Pac/PapMG		03/14/87
1300	1400	Canada	R Canada Int'l	17820	11955						NA/Carib	Non-Fri	11/12/86
1300	1400	China	R Beijing	9730	9550						MNA		03/14/87
1300	1325	Finland	R Finland	15400	11945						NA	Sun to 1355	04/04/87
1300	1330	Norway	R Norway	17760	15310	9590	6040				NA/Eu/Afr	Eng Sun only	04/13/87
1300	1330	Romania	R Bucharest	15250	11940	9690					Eu		08/07/86
1300	1400	South Africa	Radio RSA	21590	17780	9585					Afr/ME/UK/Ireland		03/09/87
1300	1400	South Korea	R Korea	15575	9750	9570					Am/SE As		04/21/87
1300	1500	USA	WHRI	11790							SA/Carib		04/21/87
1330	1355	Belgium	BRT	15590	15515						NA/SE As	Non-Sat	03/20/87
1330	1500	India	AIR	15335	11810	9545					605/SE As		04/17/87

1330	1400	Switzerland	R Swiss Int'l	15570	11955	11905	9885	9730	E Afr/India/Aus/NZ	10/18/86		
1330	1400	Turkey	V of Turkey	11805					SW As	04/04/87		
1330	1400	United Arab Emirates	R Dubai	17775	15320	11940	9640		Eu/Afr	03/28/87		
1330	1355	USSR	R Tashkent	11785	9600	9540	7375	7275	As	03/28/87		
1400	1430	Albania	R Tirana	11985	9500				As/Aus	12/24/86		
1400	1430	Australia	R Australia	9580	7135	6080	5995		As/Pac/PapMG	03/14/87		
1400	1500	Austria	ORF	11915					E As	02/22/87		
1400	1425	Finland	R Finland	15400	15185				NA/ME	04/04/87		
1400	1500	Japan	R Japan	11870	9695	5990			GOS/As/Am	04/22/87		
1400	1430	Norway	R Norway	15310	15300	15250			NA/S As/Aus	04/13/87		
1400	1500	South Africa	Radio RSA	21590	17780	9585			Afr/ME/UK/Ireland	03/09/87		
1400	1430	Sweden	R Sweden	15345	11785				NA	02/09/87		
1415	1430	Hungary	R Budapest	15160	11910	9835	9585	6110	Eu	Tue & Fri		
1430	1500	Australia	R Australia	9580	7205	6080	6060	5995	As/Pac/PapMG	03/14/87		
1430	1457	Czechoslovakia	R Prague	21505	17705	15110	13715	11690	S&E As/Pac	12/23/86		
1430	1545	Guam	KTNR	9840						M/Th-1550,F/Sa-1606		
1430	1500	Hungary	R Budapest	17780	15160	11910	9835	9585	As	Mon-Sat		
1430	1525	Netherlands	R Nederland	17575	15560	13770	11735	5955	S&E As/Eu	09/19/86		
1430	1500	USA	WRND	11965						Sun		
1445	1500	Canada	R Canada Int'l	17820	15325	15315	11935	11915	E Eu	last 4 via Eu relays		
1445	1530	German Dem Rep	R Berlin Int'l	15170					Afr	04/18/87		
1500	1530	Australia	R Australia	9580	7215	7205	6080	6060	5995	As/Pac/PapMG		
1500	1550	Fed Rep Germany	R Deutsche Welle	17825	15135	9735	7225		S&C&E Afr	03/07/87		
1500	1600	Japan	R Japan	21700	9695	5990			GOS/As/Am/Eu/ME	21700 Gabon relay		
1500	1530	Romania	R Bucharest	15250	11940	11775	9690	9510	7145	As		
1500	1556	South Africa	Radio RSA	17780	15185	9585			Afr/ME/UK/Ireland	03/13/87		
1500	1600	South Korea	R Korea	9870	5975				ME/Afr/GOS	04/21/87		
1500	1900	USA	WHRI	15105					SA/Carib/Eu/ME	11/07/86		
1500	1700	USA	WRND	11965						04/04/87		
1530	1600	Albania	R Tirana	11835	9480				Afr	12/24/86		
1530	1900	Australia	R Australia	9580	7215	7205	6080	6060	6035	5995	As/Pac/PapMG	
1530	1600	Austria	ORF	12015	9755	6155	6000		S As/W Afr/Eu	02/26/87		
1530	1625	Czechoslovakia	R Prague	21505	17705	15110	13715	11990	11690	9735	9605	Afr/As
1530	1600	Switzerland	R Swiss Int'l	15430	11935	11840	9885		ME/E Afr	10/18/86		
1540	1548	Greece	V of Greece	17565	15630	11645			NA	Eng news		
1550	1930	South Africa	R Oranje	3215					Regional	01/18/87		
1555	2130	South Africa	R Suid Africa	3955					Regional	01/18/87		
1555	2200	South Africa	Radio 5	4880					Regional	01/18/87		
1600	1655	France	R France Int'l	17795	17620	11705	9860	6175	Afr/ME/W Eu	11705 Gabon relay		
1600	1700	Guam	ANR	11910						04/05/87		

1600	1630	Hungary	R Budapest	11910	9835	9585	7225	6110		Eu		04/18/87	
1600	1630	Norway	R Norway	17840	15180	11925				ME/E Afr/S As	Eng Sun only	04/13/87	
1600	1615	Pakistan	R Pakistan	15122	11800	11625	9785	9465	7385	E&SE Afr/ME	Slow-speed news	03/28/87	
1600	1630	Portugal	R Portugal	15245						ME	Non-Fri	03/16/87	
1600	2100	Saudi Arabia	BC Serv of Kingdom of SA	9720							best later in xasa	07/20/86	
1600	1630	Sweden	R Sweden	15110						S As		04/21/87	
1600	1640	United Arab Emirates	R Dubai	15320	11955	11940	9640			Eu/Afr		03/28/87	
1600	1800	USA	WCSN	15270						Eu/Afr		03/29/87	
1600	2100	USA	WRNO	15420								10/24/86	
1610	1650	Fed Rep Germany	R Deutsche Welle	17875	15105	11785	9685	7200	6170	Aus/As		04/04/87	
1630	1655	Belgium	BRT	21810	17595					Afr	Non-Sat	03/20/87	
1630	1657	Czechoslovakia	R Prague	7345	5930					Eu		10/11/86	
1630	1725	Netherlands	R Nederland	9515	6020					S&E Afr		03/29/87	
1645	1730	German Dem Rep	R Berlin Int'l	9730	7260	6115				Eu		04/09/87	
1645	1745	Pakistan	R Pakistan	9560	7100					Eu	MS-maybe not Eng	03/15/87	
1659	2000	USA	KCBI	11735								04/04/87	
1700	1750	Brazil	R Bras	15265						Eu		10/19/86	
1700	1755	Cuba	R Havana	9695						Eu		02/09/87	
1700	1715	Israel	Kol Israel	13750	11585	9460				Eu		04/05/87	
1700	1730	Japan	R Japan	9695	5990					GOS/As/Am		10/26/86	
1700	1730	Norway	R Norway	15310	11925	9655				NA/SA/Afr/Eu	Eng Sun only	04/13/87	
1700	1800	South Korea	R Korea	15575						Eu		04/21/87	
1700	1730	Sweden	R Sweden	6065						Eu/ME		03/16/87	
1730	1755	Belgium	BRT	5910						Eu		03/20/87	
1730	1825	Czechoslovakia	R Prague	15110	11990	11690	9735	9605	7345	7290	5930	Afr/As	12/23/86
1730	1800	Portugal	R Portugal	15250	11915					Afr	Non-Fri	10/21/86	
1730	1800	Romania	R Bucharest	11940	11790	9685	9570	7105		Afr		03/08/87	
1731	1755	Belgium	BRT	11985						Afr	Sun only	03/20/87	
1745	1840	Argentina	RAE	15345						Eu/Afr/ME		12/25/86	
1800	1830	Canada	R Canada Int'l	17820	15260					Afr	Sat/Sun to 1900	09/30/86	
1800	1850	Fed Rep Germany	R Deutsche Welle	11785	9745	7285				S&C&E Afr		04/04/87	
1800	2000	India	AIR	15360	11940					GOS/E Afr		04/17/87	
1800	2100	Kuwait	R Kuwait	11675						Eu/NA/Aus/MZ		10/07/86	
1800	2000	USA	WCSN	15230						Eu/Afr		04/24/87	
1800	1830	USSR	R Kiev	7195	6165	6090	6010			Eu		03/27/87	
1805	1900	Austria	ORF	17745	12015	9505	6000	5945		ME/E&S Afr/Eu	Sat-Sun	02/26/87	
1815	1900	German Dem Rep	R Berlin Int'l	6115	6080					Eu		04/09/87	
1830	1900	Albania	R Tirana	9480	7065					Eu		12/24/86	
1830	1900	Austria	ORF	17745	12015	9505	6000	5945		ME/E&S Afr/Eu	Non-Fri	02/26/87	

1830	1900	Bulgaria	R Sofia	11720	9700	7115			W Eu		04/12/87	
1830	1955	Cuba	R Havana	11795					Eu		08/22/86	
1830	1855	Finland	R Finland	11755	9610				Eu		04/04/87	
1830	1925	Netherlands	R Nederland	21685	17605	9540	6020		Afr/Eu		09/19/86	
1830	1930	Spain	Sp Foreign Radio	15375	15125	9765	7275		Afr/NE/Eu		03/29/87	
1830	1900	Sweden	R Sweden	11860	11845	9655			Eu/Afr		04/21/87	
1830	1900	Switzerland	R Swiss Int'l	11955	9535				Afr		10/18/86	
1845	1945	India	AIR	11620	9910	7412			GOS/W Eu		04/17/87	
1845	2115	New Zealand	R New Zealand Int'l	15150	11780				Pac	11780 to 2125	04/24/87	
1859	1930	Canada	R Canada Int'l	17875	15325	11945	7285	5995	W Eu	N-F : 41/49m v UK	03/29/87	
1900	1930	Afghanistan	R Afghanistan	9635	9530	4920			Eu		04/04/87	
1900	2000	Algeria	RTA	17745	15215	9640	9510				12/25/86	
1900	2000	Australia	R Australia	9580	7215	7205	6080	6060	6035	As/Pac/PapMG		03/14/87
1900	1930	Canada	R Canada Int'l	17820	15260				Afr	Non-Fri	09/30/86	
1900	2100	China	R Beijing	9860	6860				Eu		02/09/87	
1900	1927	Czechoslovakia	R Prague	7345	5930				Eu		12/23/86	
1900	2000	Ecuador	HCJB	17790	15270				Eu		04/22/87	
1900	1930	Israel	Kol Israel	13725	12080	11655	11610	9010	NA/Eu/Afr		04/05/87	
1900	1930	Japan	R Japan	11705					GOS/Americas		02/22/87	
1900	1930	Norway	R Norway	15310	11925				ENA/CA/NZ	Eng Sun only	04/13/87	
1900	2100	USA	WHRI	15105					Eu/NE		04/21/87	
1920	1930	Greece	V of Greece	9420	9395	7430			Eu	Eng news	04/04/87	
1930	2025	Iran	R Tehran	9765	9022	3778			Eu/N Afr/NE/As/ENA		02/05/87	
1930	2025	Romania	R Bucharest	9690	7195	7145	6055		Eu		04/17/87	
1930	0300	South Africa	R Orion	3955	3215				Regional		01/18/87	
1930	2030	South Korea	R Korea	15575	7550	6480			Eu		04/21/87	
1945	2045	India	AIR	11855	11620	9910	9755	7412	GOS/W Eu/Afr		04/17/87	
2000	2030	Australia	R Australia	9620	9580	7215	7205	6035	As/Pac/PapMG		03/14/87	
2000	2030	Canada	R Canada Int'l	17875	17820	15325	11945	9670	5995	W Eu	Sa/Su-2100 131/49 UK	04/18/87
2000	2027	Czechoslovakia	R Prague	7345	5930				Eu		10/11/86	
2000	2030	Hungary	R Budapest	11910	9835	9585	7220	6110	Eu		04/18/87	
2000	2145	Iraq	R Baghdad	9875					Eu		04/06/87	
2000	2030	Norway	R Norway	15310	11865	9590			W Afr/SA/ENA/CA/Eu	Eng Sun only	04/13/87	
2000	2030	Sweden	R Sweden	9655	6065				Eu/Afr		04/21/87	
2000	2050	Turkey	V of Turkey	7155					Eu		04/12/87	
2000	2400	USA	KVOH	17775							01/27/87	
2000	2200	USA	WCSN	11695					Eu/Afr		04/24/87	
2005	2105	Syria	R Damascus	12085	9950				Eu		04/12/87	
2015	2145	Egypt	R Cairo	9655					Eu		01/11/87	
2030	2100	Albania	R Tirana	11835	9480				Afr		12/24/86	

2030	2100	Australia	R Australia	9620	9580			As/Pac/PapMG		03/14/87
2030	2100	Bulgaria	R Sofia	9700	7115	6070		Afr		04/12/87
2030	2125	Netherlands	R Nederland	11740	9895	9715	9540	W Afr		09/19/86
2030	2100	Portugal	R Portugal	11795	9740			Eu	Mon-Fri	03/16/87
2030	2130	Spain	Sp Foreign Radio	9765	7275			Eu		04/11/87
2045	2130	German Dem Rep	R Berlin Int'l	6125	5965			ENA/Eu		04/09/87
2045	2230	India	AIR	11715	11620	9910	9550	GOS/W Eu/Aus/NZ		03/28/87
2100	2200	Argentina	RAE	15345	11710			Eu/Afr/NE/Americas	11710 Sat & Sun	04/05/87
2100	2130	Australia	R Australia	15395	15240	15160	9620	As/Pac/PapMG		03/14/87
2100	2125	Belgium	BRT	9675	5910			NA/Eu		03/20/87
2100	2200	Canada	R Canada Int'l	15325	11790			W Eu	Mon-Fri	03/29/87
2100	2200	China	R Beijing	9860	6860			Eu		02/09/87
2100	2400	Dominican Republic	R Discovery	15045						04/14/87
2100	2150	Fed Rep Germany	R Deutsche Welle	9765	9650	7130	6185	Aus/As		04/04/87
2100	2125	Finland	R Finland	15400	11945	6120		SA/Eu/Aus/E As		04/04/87
2100	2130	Japan	R Japan	17755	15195	9695	7280	GOS/As/SA/Oc		04/22/87
2100	2130	Romania	R Bucharest	7195	7145	6055	5990	Eu		11/13/86
2100	2156	South Africa	Radio RSA	11900	9585	7270		W/C Afr/UK/Ireland		03/13/87
2100	2130	Sweden	R Sweden	11845	6065			Eu/Afr		04/04/87
2100	2130	Switzerland	R Swiss Int'l	12035	11955	9885		Afr		10/18/86
2100	2300	USA	WHR1	9770				Eu/NE		11/07/86
2100	2230	USA	WRMO	11705						05/24/86
2105	2205	Syria	R Damascus	12085	9950			NA/Aus		04/11/87
2113	2130	Yugoslavia	R Yugoslavia	9620	7240	6100				04/18/87
2130	2200	Australia	R Australia	15395	15240	15160		As/Pac/PapMG		03/14/87
2130	2200	Austria	ORF	9870	6000	5945		W Afr/Eu		02/26/87
2130	2230	Bulgaria	R Sofia	11720	6070			NA		04/12/87
2130	2200	Canada	R Canada Int'l	17820	15150	11945		Afr		04/18/87
2130	2200	Czechoslovakia	R Prague	6055				Eu		12/23/86
2130	2200	Ecuador	HCJB	17790	15270			Eu		04/22/87
2130	2200	Israel	Kol Israel	15485	13725	11610	9435	NA/Eu/LA		04/05/87
2130	2200	USSR	R Vilnius	6100						04/12/87
2200	2400	Australia	R Australia	17795	15395	15320	15240	As/Pac/PapMG		03/14/87
2200	2245	German Dem Rep	R Berlin Int'l	7295	6165	6125	6070	ENA/Eu		04/09/87
2200	2315	Libya	R Jamahiriya	7245						02/07/87
2200	2230	Norway	R Norway	15165	11930	9605		Aus/NZ/SA/W Afr	Eng Sun only	04/13/87
2200	2300	Taiwan	V of Free China	15370	9955	9465	7355	Eu/Aus/NZ	WYFR:9465,7355	04/04/87
2200	2250	Turkey	V of Turkey	17760	9560	7225	7155	SE As/NA/NE/Eu		04/12/87
2200	2400	USA	WCSN	15300				Eu/Afr		04/24/87

2200	0300	USSR	R Moscow	15420	13600	12050	9860	9760	9530	7150	7115	ENA	add'l freqs in use	04/22/87
2200	2230	USSR	R Vilnius	11860	11790	9765	7165	6200						04/12/87
2230	2300	Albania	R Tirana	9480	7065							Eu		12/24/86
2230	2330	Malta	R Mediterranean	6110										03/28/87
2230	2300	Poland	R Poland	7270	7125	6135	5995					Eu		08/07/86
2230	0000	USA	WRND	9852										04/24/87
2245	2300	South Korea	R Korea	15575									World News Service	04/21/87
2259	0030	Canada	R Canada Int'l	9755	5960							NA	Tue-Sun (Sun-2330)	03/14/87
2300	0000	Bulgaria	R Sofia	11720	6070							NA/W Eu		04/12/87
2300	2330	Canada	R Canada Int'l	11710	9755							Carib		05/31/86
2300	2345	German Dem Rep	R Berlin Int'l	9730	6080							ENA		04/09/87
2300	0145	Iraq	R Baghdad	6195								NA/SA		04/06/87
2300	2330	Israel	Kol Israel	11610	9855	9435						NA		04/05/87
2300	2400	Japan	R Japan	15300	15280	15195	11800	9695				BDS/As/OC/Am/Eu/ME	11800 Gabon relay	04/22/87
2300	2350	North Korea	R Pyongyang	13660	11785							Am		04/17/87
2300	2400	South Korea	R Korea	15575								Am		04/21/87
2300	2330	Sweden	R Sweden	11705	9695							NA		02/09/87
2300	0100	USA	MHRI	11770								SA/Carib		11/07/86
2330	0000	Albania	R Tirana	9760	7065							NA		12/24/86
2330	2355	Belgium	BRT	9925	9675							SA/NA		03/20/87
2330	0000	USSR	R Kiev	13645	11860	11790	7305	7165	6200			NA		03/28/87
2345	0030	German Dem Rep	R Berlin Int'l	9730	6080							ENA		04/09/87
2345	0145	New Zealand	R New Zealand Int'l	15150	11780							Pac/Aus/Melanesia		04/24/87

ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas R. Sundstrom, W2IX

Shortwave DX Program	Show Start Time	Kesn Start Time	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Target Area	Notes re DX Show	Record Last Updated
** DAY OF THE WEEK: Sunday														
SML Digest	0005	0000	Canada	R Canada Int'l	9755	5960						NA		03/14/87
SW Merry-Go-Round	0220	0200	Switzerland	R Swiss Int'l	12035	9885	9725	9625	6135			NA		05/16/86
DX Party Line	0230	0200	Ecuador	HCJB	11775	9870	6205					NA		05/03/86
Talkback	0310	0300	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	As/Pac/PapMG/Afr		10/13/86
DX Corner	0315	0300	South Africa	Radio RSA	9585	7270	5980	4990	3230			Afr		09/20/86
SW Merry-Go-Round	0420	0400	Switzerland	R Swiss Int'l	12035	9885	9725	6135				NA		05/16/86
DX Party Line	0630	0500	Ecuador	HCJB	11775	9870	6205					Americas		05/03/86
DX Corner	0650	0630	South Africa	Radio RSA	15240	11900	9585	7270				SW Afr/UK/Ireland		09/28/86
Talkback	0710	0700	Australia	R Australia	17750	17715	15395	15240	15160	9655	5995	As/Pac/PapMG		09/22/86
Shortwave Panorama	0905	0900	Austria	ORF	11915	6155	6000					Eu		09/13/86
Talkback	0910	0900	Australia	R Australia	15415	9710	9655	9580				As/Pac/PapMG		06/01/86
DX Corner	0930	0900	Japan	R Japan	17810	11875	11840					GOS/As/Dc		03/29/87
DX Corner	1130	1100	Japan	R Japan	17810	6120	5990					GOS/Asia/NA		03/29/87
DX Programme	1200	1200	USSR	R Tashkent	11785	9600	9540	7375	7275			As	Su after 2nd Sat/mo	10/16/86
Shortwave Panorama	1235	1230	Austria	ORF	15320	11915	6155	6000				ENA/Aus/As/Eu		09/13/86
Talkback	1240	1230	Australia	R Australia	9770	9580	7215	7205	6080	6060	5995	As/Pac/PapMG		03/14/87
World of Radio	1300	1255	USA	WRNO	9715									03/28/87
Shortwave Panorama	1430	1400	Austria	ORF	11915							E As		09/28/86
Talkback	1710	1530	Australia	R Australia	9580	7215	7205	6080	6060	6035	5995	As/Pac/PapMG		10/13/86
Radio World	1730	1730	Belgium	BRT	5910							Eu		03/20/87
World of Radio	1730	1659	USA	KCBI	11735									04/04/87
Shortwave Panorama	1805	1805	Austria	ORF	17745	12015	9505	6000	5945			NE/E&S Afr/Eu		09/28/86
DX Corner	1920	1900	Israel	Kol Israel	13725	12080	11655	11610	9010			NA/Eu/Afr		04/04/87
Talkback	2040	2030	Australia	R Australia	9620	9580						As/Pac/PapMG		07/20/86
DX Spot	2050	2030	Spain	Sp Foreign Radio	9765	7275						Eu		04/11/87
Radio World	2100	2100	Belgium	BRT	9675	5910						NA/Eu		03/20/87
DX Corner	2140	2100	South Africa	Radio RSA	11900	9585	7270					WLC Afr/UK/Ireland		09/07/86
DX Corner	2150	2130	Israel	Kol Israel	15485	13725	11610	9435	9010			NA/Eu/LA		04/04/87

A13

R Sofia Calling 2215 2130 Bulgaria
 SWL Digest 2305 2300 Canada
 DX Corner 2320 2300 Israel
 Radio World 2330 2330 Belgium
 DX Corner 2330 2300 Japan
 DX Show & Mailbag 2340 2330 USSR
 R Sofia Calling 2345 2300 Bulgaria

R Sofia 11720 6070
 R Canada Int'l 11710 9755
 Kol Israel 11610 9855 9435
 BRT 9925 9675
 R Japan 15300 15280 15195 11800 9695
 R Kiev 13645 11860 11790 7305 7165 6200
 R Sofia 11720 6070

NA 04/12/87
 Carib 05/31/86
 NA 04/04/87
 SA/NA 03/20/87
 GDS/As/OC/Am/Eu/ME 03/29/87
 NA 04/05/87
 NA/W Eu 04/12/87

DAY OF THE WEEK: Monday

DX Corner 0020 0000 Israel
 DX Spot 0020 0000 Spain
 DX Corner 0120 0100 Israel
 DX Spot 0120 0100 Spain
 DX Corner 0240 0200 South Africa
 DX Corner 0330 0300 Japan
 R Sofia Calling 0345 0300 Bulgaria
 Shortwave Panorama 0435 0430 Austria
 DX Spot 0520 0500 Spain
 DX Party Line 0930 0700 Ecuador
 DX Corner 1315 1300 South Africa
 DI Party Line 2130 2130 Ecuador
 DI Program 2250 2200 USSR

Kol Israel 11610 9855 9435
 Sp Foreign Radio 9630 6125
 Kol Israel 11610 9855 9435
 Sp Foreign Radio 9630 6125
 Radio RSA 9695 9615 6185 6010
 R Japan 17845 17810 15280 5960
 R Sofia 7115
 ORF 11830 9550 5945
 Sp Foreign Radio 6125
 HCJB 11925 9745 6130
 Radio RSA 21590 17780 9585
 HCJB 17790 15270
 R Moscow 15420 13600 12050 9860 9760 9530 7150

NA 04/04/87
 NA 01/11/87
 NA 04/04/87
 NA 01/11/87
 NA 09/07/86
 GDS/Asia/NA 04/04/87
 NA 04/12/87
 ME/WNA/Eu 05/19/86
 WNA/Aus/NZ 01/11/87
 S Pac 05/03/86
 Afr/ME/UK/Ireland 02/09/87
 Eu 05/03/86
 ENA 04/22/87

DAY OF THE WEEK: Tuesday

DI Program 0050 2200 USSR
 DX Party Line 0230 0200 Ecuador
 DI Program 0250 2200 USSR
 SW Merry-Go-Round 0305 0258 USA
 Sweden Calling Diers 0330 0258 USA
 DX Program 0350 0300 USSR
 DI Program 0550 0300 USSR
 DX Party Line 0630 0500 Ecuador
 Sweden Calling Diers 1410 1400 Sweden
 SW Club 1417 1415 Hungary
 Sweden Calling Diers 2310 2300 Sweden

R Moscow 15420 13600 12050 9860 9760 9530 7150 ENA
 HCJB 11775 9870 6205 NA
 R Moscow 15420 13600 12050 9860 9760 9530 7150 ENA
 WHRI 7355 SA/Carib
 WHRI 7355 SA/Carib
 R Moscow 13640 12050 11770 9680 7170 WNA
 R Moscow 13640 12050 11770 9680 7170 WNA
 HCJB 11775 9870 6205 Americas
 R Sweden 15345 11785 NA
 R Budapest 15160 11910 9835 9585 6110 Eu
 R Sweden 11705 9695 NA

repeat
 repeat

04/22/87
 05/03/86
 04/22/87
 01/13/87
 12/25/86
 04/22/87
 04/22/87
 05/03/86
 12/23/86
 04/18/87
 05/13/86

DAY OF THE WEEK: Wednesday

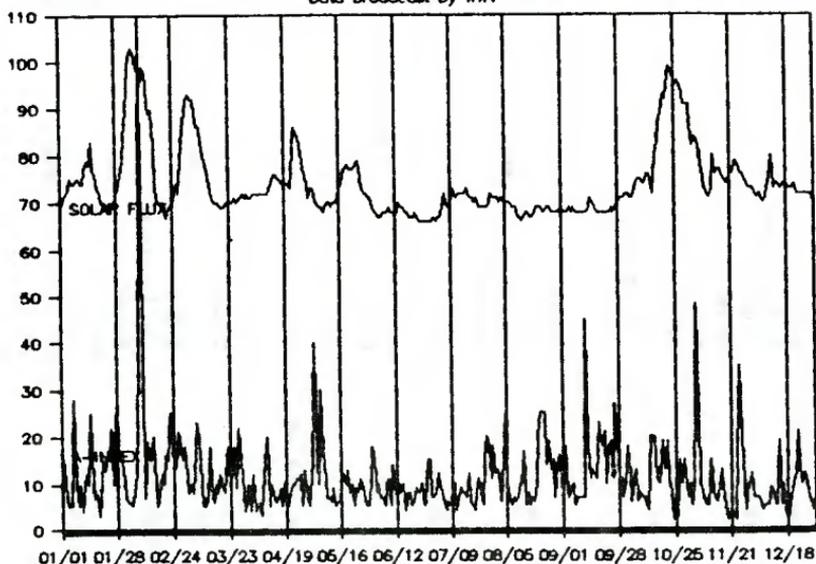
SW Club 0302 0300 Hungary
 DX Party Line 0930 0700 Ecuador
 DX Party Line 2130 2130 Ecuador

R Budapest 15160 11910 9835 9585 9520 6025 NA
 HCJB 11925 9745 6130 S Pac
 HCJB 17790 15270 Eu

04/18/87
 08/25/86
 08/25/86

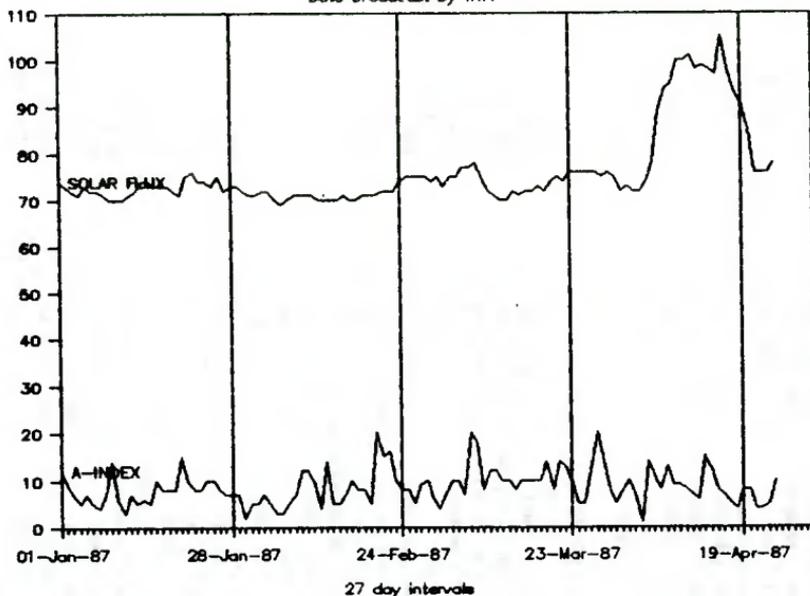
SOLAR FLUX & A-INDEX: 1986

Data broadcast by WWV



SOLAR FLUX & A-INDEX: Jan-Apr 1987

Data broadcast by WWV



about the Portuguese presence in the FE. RTP also plans to launch a joint project w/TDM to guarantee being rights of existing biling (PT & CH) Macao channel and rights of two separate chs which'll evolve from Macao ch at a later stage. Aim of project is to prolong /Portugal's/ cultural presence in region even after xfer of Macao's sovereignty set for 1999. TDM has ambitious project to increase its audience to a potential total of 2.5 million in Hongkong and a further 2 million in surrounding Hainan region. To this effect, it'll install xmtr w/necessary power on Coloane island. This project should be concluded before yearend and'll enjoy a technical contrib from RTP (WBI 17/4)

RADIO JAPAN

Your news
"hotline"



Now, all the latest news from Japan and Asia can be heard regularly by listeners in America.

Radio Japan, NHK's shortwave world service, comes in loud and clear even on compact radios.

We'd like to hear from listeners too. Answer these questions and we'll send you a small gift:

Do you have a shortwave radio? Have you ever listened to international broadcasts? What would you like to know about Japan?

Send in your answers to Radio Japan, or for more information about our shortwave service, please write to the address below.

RADIO JAPAN's Tuning Guide

	Time	Frequency kHz	Program
New York	6:00 — 8:00 a.m.	6120	English & Japanese
	10:00 p.m. — 12:00 midnight	5960	English & Japanese
Los Angeles	5:00 — 8:00 a.m.	5990	English

RADIO JAPAN — NHK,
TOKYO 150, JAPAN
TEL: TOKYO 465-1111

NHK
Japan Broadcasting
Corporation

MARSHALL ISLANDS Rcvd p/d personal QSL & sked from Peter Boon, stn mgr at WSZO for 5/3 reception report. Reply seems to indicate this was first QSL issued for WSZO shortwave. Turnaround time 21 days for tape, 2 IRCs and SASE using 2 x 44¢ US airmail postage. SASE was rcvd OK, so US postage is accepted in Marshall Islands. Stn uses 10 kW SW xmtr, w/290° oriented log periodic array beamed to cover entire Marshall Is. This equipt, along w/a new studio were 'granted' to the govt of the Marshall Is as a grant-in-aid'. All new equipt is manufactured by NEC of Japan. Stn SW skeds given in local time and translated thusly to UTC: 6070 1900-0530 Sun-Fri, switch to 4940 at 0530 to 1000 shutdown same days. S/on on UTC Sats & local holidays is one hour later at 20 Presumed this is //1098 kHz MW. Mr Boon goes on to mention inauguration of SW svc took place at 0500 UTC on 4/3, langs of bc are English and Marshallese, and stn's aim is to 'inform, educate, & entertain Marshallese people who reside on some 24 atolls scattered in an arsa with a diameter of 300 miles or so.'. He and staff are extremely surprised at good NAm reception because of the presumed extreme directivity of the 290° LPA. (Judging from some preliminary receptions of WSZO logged as far east as Wisconsin, I presume NEC may be back to tweak the antenna a bit.) Mailing addr is: Dept of Interior & Outer Island Affairs Majuro, Marshall Islands 96960. (Please note different ZIP than given in 87 WRTVH) (Pete Tutak Seattle WA, 25/3)

Tnx also to Dave Copp, Rockford IL, for copy of a WSZO verie letter giving some of the same info (gh)

NEPAL R Nepal, Kathmandu, domestic & external svc: 0015-0445, 0715-1015, 1115-1145, 1145-1715, all on 5005 3230 792 684, all in Nepalese except EG 0215-0225 nx, 1115-1145 to As incl nx 1115-1120; 1415 -1425. Alt fq is 7165 (WBI 17/4)

NICARAGUA Prensa Latina, Havana, reported 27/3 from Managua: Ideological aggression by microwaves /sic/ has increased w/TV bcs from El Salvador and Costa Rica against Nicaragua, reported officials from the Nic state TV system. Orlando Castillo, tech dir of Sandinista TV System said this actually began in 1981, radio bcs from Honduras and CR, using powerful xmtrs provided by the Ronald Reagan admn. Castillo added that later on the invaders extended their range w/more sophisticated eqp so that TV bcs could reach Nic. In past few days, he said, sigs from two Salv TV ch have been seen in Managua. Specialists consul-

ted attributed this penetration, which is even reaching Managua, to powerful eqp provided by the Reagan admn to CR and ES (WBI 3/4) or propagation varies

N I G E R I A R Nigeria, Lagos reported 25/3: Minister of Info & Culture, Prince Tony Momoh, played host today to Governor Ekundayo Opaleye of Ondo state. Gov expressed (grief) abt fedl govt's intention to commercialise FRCN. Thot this'd throw state radio out of business. State radio, Col Opaleye explained, had relied mainly on ad proceeds to pay staff salaries and cover other expenditures. Minister said cause govt found it almost impracticable to profitise /sic/ the FRCN, it decided to commercialise it, or else it would have had to wind up. Optimistic that move'd be of great advantage to state and that apart from ads, FRCN would, thru joint efforts w/state radio stns, produce for sale items like tapes, gramophone records, and other materials. Prince Momoh called on the states to contrib to funding of comms development (WBI 3/4)

P A K I S T A N R Pk, Is'bad, on unlisted 15190 in Urdu? w/nx and lcl mx 1403-1420 27/3 (Roland Schulze, Federal Germany)

P A R A G U A Y El Diario, Asunción, reported 21/3: ANTELCO yesterday issued a resolution that concessions, permits and licences grated to various radio stns in Asunción and the interior have lapsed and they have decided to open a bid on these concessions. Also says stns which have discontinued bcng will be unable to resume until the new concessions are granted. Nanduti is involved; when asked about this, RN said the resolution will preclude resumption of bcs on 14/4, as had been planned. Resolution adds that several radio stns are irregularly operating; expiry dates for their concessions and permits have long since lapsed. ANTELCO says it is clear that various stns have changed ownership, or are operating on fqs different from assigned and therefore are not meeting conditions specified. So says it is appropriate to standardise situation of stns in volved, declaring as lapsed the concessions, permits and licences whose expiry dates have passed. El Diario reported 22/3 that per ANTELCO the following stns licences have lapsed: ZP15 R LV del Amambay. ZP32 R Ycuamandiyu. ZP40 R Nasaindy. ZP26 R Itapiru. ZP41 R Ypacarai. ZP70 R Primero de Marzo. ZP26 R Guairá. ZP27 R Mbaracayu. ZP9 R Comuneros. ZP31 R Mburucuya. ZP36 R Ypoa. ZP14 R Nanduti. ZP43 R Arapizandu. ZP41 R Nu Vera. ZP42 R Panambi Vera. ZP11 R Charitas. ZP23 R Centenario. ZP3 R Asunción. ZP4 R Chaco Boreal. ZP8 RLV de Misiones. ZP20 R América. ZP23 R MariscalLopez. ZP99 R Paraná. ZP91 R Cerro Cora. Also included are /presumably FM stns -gh/: ZPV28 R la Cordillera. ZPV R Canal 100. ZPV75 R Tayi. ZPV16 R Presidente Stroessner. ZPV4 R Chaco Boreal (WBI 3/4)

Whew: Hitting all those stns just to get R Nanduti. That amounts to more than half the stns in the country, per listings in WRTVH 87 (excluding FM of course) (gh)

El Diario reported 26/3: Humberto Rubín, Dir of R Nanduti, has filed a civil lawsuit seeking to suspend the application of ANTELCO's resolution. The claim presented by atty Julio César Vasconcellos, who represents Rubín, says the resolution challenged by this lawsuit was specifically issued to cover MW fq used by ZP14 R Nanduti, which ops on 1020 kHz. Resolution seeks to arbitrarily and unjustly preclude resumption of bcng by RN on 14/4; an attempt to whitewash jamming that prevented RN from bcng forcing it to close temporarily on 14/1. Lawsuit points out that on 14/1, per note bearing ANTELCO's receipt stamp, Rubín notified ANTELCO that he was suspending bcs because it was impossible to continue due to lack of police protection and inability of authorities to eliminate the jamming. The suspension was temporary. Plea asks court to 'suspend resolution and allow RN to resume bcng on 14/4 on normal fqs, as it was asked to do at the time Resolution 252 was issued.' (WBI 10/4) see SPAIN

P E R U AFP reported 2/4 from Lima: Terrorists of the MRTA (Tupac Amaru Revolutionary Movement) have taken over a radio stn in Tacna, near the Chilean border and bc a 15-min msg calling for armed struggle against García govt. This is first time that subversives have operated in extreme south of Perú. The terrorists, two men and a woman, armed w/revolvers held the four staff at the radio stn and left after playing the recording... (WBI 10/4) Naturally, the identity of the stn is an insignificant datum to AFP (gh)

P H I L I P P I N E S DZXX, 2377 kHz, 10/2 2100-2130 in TG w/pops, DJ and several IDs (H Ishii, Tokyo, IDXR) also to 1455* canned ID, s/off, Na, 28/2 & of-ten hrd, poor w/TV noise heavy (Hiroshi Fujita, Osaka, Indonesian DX Review) 2h

SINGAPORE The WRTH 87 lists Chinese/Tamil svc of Singapore BS on 7170, actually obs on 7165 (Satoshi Wakisaka, Penang, Malaysia, IDXR March)

SOUTH AFRICA R South Africa reported 23/3 in a commentary: SABC has no intention of abandoning or even diluting that cardinal component of its mandate, its lang and cultural obligations in respect of the multicultural society it serves. Made clear in statement by Dir Gen Mr Riaan Eksteen, ancv various new initiatives in the natl radio svcs - R South Africa, R Suid-Afrika, R Allegro and R Orion. They include, apart from pgmg measures, SABC involvement in community cultural projects. /blah, blah, blah; blah, blah, blah.../

EG & AK svcs are not required to cover their costs. Advertising has turned them not into commercialised svcs but into cultural svcs which carry ads. It is understandable that the sensitivity about these matters is greatest in the Afrikaans community, small and wholly indigenous as it is. It is, therefore, of interest to note that the four categories that could be described as specifically cultural in the purest sense - serious mx, dramas and feature pgms, lit & art, and discussion pgms - take up more than 30% of R Suid-Afrika's being time. If AK light mx is included the figure rises to 50%, and w/reliq pgms it reaches nearly 60%, figures virtually unchanged for past 3 years. /blah..../ (WBI 27/3)

SPAIN AFP reported 2/4: on 5/4, REE will begin a new pgm Cita con Paraguay, w/news on that country; bc once a week at 2300 during pgm carrying nx for Ams. W/this pgm, REE try to combat censorship the Pg govt has imposed on unofficial media, Spanish radio sources said (WBI 10/4) Natch, to AFP the day of the week for this is an insignificant datum (gh)

SURINAM R Surinam Intl reported 26/3: Last weekend the third district radio stn was opened, named (J R Goskopo Commewijne). Earlier, similar radio stns set up in Paramaribo and in Saramacca district. This is an initiative of the Ministry of Home Affairs, which wants to open radio stns in every district. The stns are aimed at promoting regional development and to enable the people of the district to have their own voice (WBI 3/4) Naturally, the fq of the station is an insignificant datum; probably MW or FM, but you never know... (gh)

SWAZILAND Swazi R, on 4979.8 at 1752 in EG w/reliq pgm at 1800 ID 20/3 (Roland Schulze, Stuttgart, Federal Republic of Alemania)

SWITZERLAND KUNA nx agcy, Kuwait reported 9/4 from Geneva: The Islam radio continues /as hrd/ to bc pgms from here on 28//April/, which is expected to be the first day of the blessed month of Ramadan thereby serving the 10 kilo-Muslims living in the Geneva area. Stn, financially supported by the Islamic Cultural Org in collaboration w/private sector in Geneva, will bc in AR, EG & FR. Newspaper La Suisse quotes pgm dir Abd al-Abd al-Hafiz (JOrdary) as saying pgms will include nx bulls and wx forecasts, mx, financial nx and cultural events as well as pgms contributing to solidarity of Muslims in Switz. Affirmed that stn to be called "the Radio of Islamic Culture and Religion" /Arabic: Idha'at al-Din wa al-Thaqafat al-Islamiyah/ will never be used for either commercial or political purposes (WBI 17/4) Naturally, fq of stn is insignificant datum; probably FM (gh)

TURKEY TRT V of Turkey General Svc, Ankara: 23-03 Eu/As/Am 17760 9560 7155. 04-05 Eu/As 15405 11860 9685. 05-09 Eu/As 15405 15235 11860. 09-10 Eu 15235. 10-15 Eu/ME 15430 15235 11955. 15-1555 Eu 15235. 16-22 Eu/ME 9660 & 7225. There is also Turkish to the Balkans: 03-05 5965. 17-21 5980 incl Armed Forces pgm 1937-1950 daily. VOT in EG: 03-04 As/Am 17760 9560, 1230-13 As on 17735, 20-21 Eu 7155, 22-2250 Eu/ME/As/Am 17760 9560 7225 7155. During winter time in Turkey, all bcs one hour later (WBI 17/4)

UNITED A.R.A.B. EMIRATES V of the U.E, Abu Dhabi R's DS in AR is beamed to other areas on SW: Nam 02-07; As 02-0630, 08-13, 16-2130; Eu 0630-1015, 1530-2130; me/Naf 02-2130. Fqs change often, as follow: 02 on 11865 695 6195 6015. 05 11865 9695 9655 6015. 0530 17645 11865 9695 9655 6015. 0630 17820 17645 11865 9655 6015. 07 17820 17645 9655. 08 17820 17810 15310 7215. 1015 17810 15310 7215. 1230 17810 15310 9595 7215. 13 15310 9595 7215. 14 15310 9595 6065. 1530 15310 9630 9595 6065. 16-2130 on 9695 9630 7215. Also on MW until 16. These MW fqs carry V U.E for part or all of xmsn period: 50 kW: Sharjah 1575, Sadiyat 1539, Fujairah 972, Maqtaa 810, Sadiyat 657. 750 kW Sadiyat 729; 1000 kW Dabiya 1314 (WBI 17/4)

U S S R R Moscow, unk site, on unlisted 11800 in EG at 1640 letterbox; R P & P unk site on unlisted 11850 in EG political rpts, talk abt S Africa. ID, S 5 pl us 30 dB 26/3 (Roland Schulze, GFR) no time

Monitoring 12-14 Apr: 12/4, Georgian Radio in Tbilisi obs *0100 w/lcl pgms in Georgian on 6050 and 6020. These fqs // regular 5040 & 189 kHz channels. Both 6050 and 6020 hrd again from 0100 14/4 (WBI 17/4)

U S A gh's weekly DX pgm WORLD OF RADIO sked for J87 on WRNO: UTC Sat 0300 on 6185, Sat 2330 on 9852.5 (alt: 7355--if listeners find 9852.5 no good). Sun 1300 on 9715. On KCBI Fri 1930, and Sun 1730; in March and April both were on 11735 and ths may continue (gh)

WCSN did start regular bcs 30/3; monitoring found 02-04 on 9815, not 9465 as in April LN; note 4-hour break 12-16--maintenance? coffee break? Each 2-hour block actually ends 5 mins early to allow fq/beam change (Paul Buer, Miami FL) 9815 was a last-minute change since VOA had not revealed it was going to use 9465 during that time period. (gh) Final J87 sked: 16-18 on 15270 45° USSR/N Eu. 18-20 15230 105 S/Caf. 20-22 11695 60 SEu. 22-24 15300 90 Waf. 00-02 7365 60 SEu. 02-04 9815 90 Eaf. 04-06 9465 105 S/Caf. 06-08 9465 45 NEu. 08-10 9465 105 Waf. 10-12 17640 105 Waf (George Jacobs) Sporadic chex here indicate WCSN not much of a powerhouse despite 500 kW; probably due to south Florida being more or less off the side of most of these beams, especially 105°. I assume in central and western US, it is a powerhouse, closer to directly off the back of beams. Similar situation from RCI Sackville here: at 2000 the 60° beam on 17875 is noticeably stronger than the 92° on 17820, both 250 kW (gh) - WCSN hrd 1415 27/3 testing on 7355; 28/3 1550-1555 on 7355, 1600 on 17640, 2015 on 9465; IDs and previews of future pgms; and sked; 31/3 w/regular pgms (WBI 4/4) WBI sked in 10/4 issue indicates all-English, overlooking FR & GM segments at weekends (gh)

TASS reported 17/3: To air live radio hookups between Moscow and New York is one of the best opportunities for peoples of USSR & US to get a better idea of each other, John Simon, GM of NY stn WBAI told a nx conf 16/3. Together w/ USSR State Committee for R&TV BCing and permanent mission of USSR to UN, this stn intends to bc 6 joint Sov/US radio pgms this year. During the first, via satellite for 2 hours 20/3, Ams in the entire territory of US and people in US SR will have opportunity listen to discussions by participants in a Moscow conference 'new mode of thinking in the nuclear age' and performances by Sov & US composers & singers. A specific feature of the pgm will be direct phone conversations betw the two countries' citizens to be aired in both countries (WBI 27/3) Fridays 3-5 pm on 99.5 FM; unsure if weekly for 6 weeks, so now over, or spread out over months (gh) Other reports indicate also on other Pacifica or public radio stns; check with yours (gh)

Y U G O S L A V I A Politika, Belgrade, reported 21/2: A new 500 kW xmtr on SW for R Yugoslavia recently became operational in Jabanusa, near Bijeljina. Three more of this kind will become opl this year. Judging from its size and eqp, SW xmtr will be one of strongest not only in Eu but in world. Means RY pgms will be hrd anywhere in world. Bulk of eqp for this xmtr comes from Switzerland (WBI 27/3)

CLANDESTINE CRANNY Y of the Libyan People, of Natl Front for the Salvation of Libya, first hrd 13/9/82; from xmtr in Sudan until Pres Numayri deposed Apr 1985; bcs resumed, possibly on 10/6/85, from diff xmtr believed in Iraq. However in March 1987 xmtr traced to location in south Chad. AR to ME 06-07 11825, 15-16 17960, 21-22 on 11825 (WBI 27/3) Why would they bc to ME instead of to Libya???? which the last time I checked was still in north Africa (gh)

Radio SPLA continues hrd 11-12 & 13-14 on 11710 & 9550; still being shadowed by hostile pro-Sudanese govt bc describing itself as Sudan People's Armed Forces Pgm. 11/4, this radio hrd in EG & AR 1405-1430 on 11710 9550 (WBI 17/4)

gh: Amazingly, those are the only cland items from BECMS this month; let's hope this is a fluke, not a change in coverage policy, which would make WBI much less valuable. It's also a lean month for LN in general, fortunately for this backup typewriter.

Numbers Stns Chinese stn on 8300 at 1400-1530, also picked up on // 9105, weak but there; DXLD says New Star R Stn #4. Also SAs stn on 5870.2 14-1420 starting w/band mx, anthem, W w/# series; Thai friends say not Thai or Viet; possibly Tibetan; G sig here (Paul R Donegan, Glendale CA) Korean, until the next, 73/gh

QSL REPORTS



Send your QSL reports to:

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

Many good QSLs to report this month. Many of the smaller illustrations were sent to us from Michael Schmitz. On to the reports....

ADMIRALTY ISLANDS: Radio Manus 3315 ltr. in 46 ds. for an SASE and ms. v/s Eliun Sereman, Station Manager. (Rippel-VA).
ALBANIA: Radio Tirana 9500 n/d cd. in 3½ mo. w/ schedule. (Meyer-WI).
ANGOLA: Radio Nacional 9535 f/d cd. via registered mail in 3 mo. V/C # 200! (Bishop-PHIL). 4947.1 f/d cd. in 4 mo. for a PT rpt. (Barto-CT).
ARGENTINA: RAE 11710 f/d cd. in 58 ds. for 1 IRC and ms. v/s Silvana Licciardi. (Morby).
ASIATIC RUSSIA: Radio Moscow 4825 via Vladivostok f/d "Lenin Library" cd. in 1½ mo. (Barto). 15130 f/d "Bolshoi" cd. in 30 ds. (Forst).
AUSTRALIA: VLM4 4920 f/d

"Queensland Symphony" cd. in 17 ds. (Washburn). Radio Australia 11720 f/d cd. of "Sheep Station" in 17 ds. w/ schedule. (Floyd-TX). 9710 cd. of joint broadcast w/ NHK in 16 ds. v/s Masaaki Itakura; 9655 cd. #69 from Australia in 1 mo. v/s Barry Seeber. (Craighead-KS). 9580, 9655 and 9710 special RA/NHK cd. in 1 mo. (Kusalik-ALB). VNG 12000 f/d cd. w/ schedule in 48 ds. for ms. v/s Elinore Williamson. (Foxy-VA). VL8A 2310 f/d ltr. in 3 mo. (Barto). f/d ltr. in 2 mo. (Barto). VL8T 2325/VL8K 2485 f/d ltr. in 2 mo. v/s Karen Kane, Broadcast Production Officer for NT. (Barto).

AUSTRIA: Radio Austria International 6155 f/d "Gail Valley Costumes" cd. in 70 ds. for 1 IRC. Schedule rcvd. (Brouillette-IL).

BELGIUM: BRT 9905 f/d ltr. in 28 ds. for 1 IRC. (Morby). (Wilkins-CO).
BIAFRA: FRCN 6025 via Enugu f/d ltr. in 43 ds. for ms. v/s Louis Nnamuchi, Chief Engineer.
BOLIVIA: Radio El Mundo 6015 f/d prepared cd. w/ ltr. in 26 ds. for a SP rpt. and ms. v/s

* Freddy Banegas Carrasco, Jefe Administrativo. Also rcvd. very classy station pennant. (Allen-OK). Radio La Cruz del Sur 4875 f/d prepared cd. after many f/up rpts. in SP for 1 IRC v/s Rodolfo Moya Jimenez.
* (Schmitz-FRG). Radio San Gabriel 6080 f/d prepared cd. w/ ltr. and a beautiful pennant in 24 ds. for a SP rpt. and 2 IRCs. via registered mail. v/s Hno. Jose Canut Saurat, Director Gerente. (Wilkins). La Voz del Tropico 4458 f/d paper cd. in 7 mo. for a SP rpt. 250 watts. Tnx to Don Jensen for relay. (Barto-CT).



REPUBLIC OF THE MARSHALL ISLANDS
DEPARTMENT OF INTERIOR & OUTER ISLANDS AFFAIRS
MAJURO, MARSHALL ISLANDS 96960

WSZO QSL submitted by everyone 3-20-87
who QSLed the station...Sam.

THIS IS TO ACKNOWLEDGE RECEIPT OF YOUR VERIFICATION REPORT
DATED: 3-6-87

RADIO STATION: WSZO

LOCATION: MAJURO, MARSHALL ISLANDS

MINISTRY: INTERIOR AND OUTER ISLAND AFFAIRS

OUTPUT POWER SW: 10KW. ANTENNA TYPE: LPA

OUTPUT POWER MW: 5KW. ANTENNA TYPE: TOWER

SW ANTENNA BEAM DIRECTION: 290° NW

OPERATING FREQUENCIES: SW 1 6070KHZ DAY TIME 7:00 AM - 5:30 PM

CHANGEOVER TO 4940 KHZ at 5:30 PM TILL

10:00 PM

BROADCAST SCHEDULE: MON. - SAT. 7:00 AM - 10:00 PM LOCAL TIME

SUN. & HOLIDAYS 8:00 AM - 10:00 PM LOCAL TIME

LANGUAGE: MARSHALLESE ENGLISH

AIM: INFORM, EDUCATE & ENTERTAIN MARSHALLESE PEOPLE WHO RESIDE

ON SOME 24 ATOLLS SCATTERED IN AN AREA WITH A DIAMETER OF 300 MILES

OR SO.

MANUFACTURER: NEC, JAPANESE COMPANY

OFFICIALLY BROADCASTED: SW 4 MARCH 1987

AM 24 DEC. 1986



NIBI NIBI

7.712 kc

Dear Mr. McElvy

We are pleased to confirm your reception of Nibi Nibi on 7.712 kc at 0421 GMT on 21 Nov 1985. We thank you for listening and hope to hear from you again in the future!

Sincerely,

Whats wrong with you people?
No sense of humor?
Thanks Tom and the ODDX for sending this "QSL".

KBS



©1983 BLOOC All rights reserved TM

GAMES OF THE XXIVTH OLYMPIAD SEOUL 1988

Radio Korea

BOTSWANA: Radio Botswana 4820 f/d "20th Anniversary" cd. in 33 ds. for ms. (Foxx).

BRASIL: Radio Nacional de Manaus 4845 f/d cd. w/ ltr. in 32 ds. for a PT rpt. and 2 IRCs. v/s Eudson Monteiro Lima. (Cones-VA). f/d ltr. in 78 ds. for a PT rpt. and ms. (Paszkiewicz-WI). Radio Universo 9565 p/d ltr. in 76 ds. for a PT rpt. and ms. v/s Hermes Y. Akiyama. (Paszkiewicz). Radio Nacional de Boa Vista 4875 p/d ltr. in 96 ds. after several f/up rpts. in PT w/ ms. v/s Netto Araujo. Addr: Av. Ene Garcez 830(not the P.O. Box) (Paszkiewicz). p/d personal ltr. in 75 ds. for a PT rpt. and ms. (Plum-NJ). Radio Clube do Para 4885 f/d prepared cd. in 21 ds. for a PT rpt. and 1 IRC. v/s Mrs. Solanese Souza. (Schmitz). Radio Guaiba 11785 p/d "Logo" cd. in 21 ds. for a PT rpt. and 1 IRC. v/s Carlos Alberto Bastos Ribero, Director. (Schmitz-FRG).

BULGARIA: Radio Sofia 11720/9700 f/d cd. w/ schedule in 83 ds. (D'Angelo-PA). 7115 f/d "Nessebur" cd. in 108 ds. (Washburn-ME).

CANADA: CFRX 6070 p/d cd. in 13 ds. (Washburn).

CELEBES: RRI Ujung Pandang f/d cd. in 1 year after a f/up rpt. in IN w/ 2 IRCs. v/s H.A. Nyongki B.A., Kepala Stasiun. (Meyer-WI).

CENTRAL AFRICAN REP: Radio Centrafrique 5035

p/d "Map" cd. in 379 ds. for a FR rpt., ms and US \$1.00. v/s Michel Bata, Le Directeur des Services Techniques. (Davis-NM).

CHAD: Radiodiffusion Nationale Tchadienne 4920 f/d "Nudie Cu'ie" type cd. in 15 wks. for

A 2 IRCs. (Eckert-PA). Radio Moundau 5289 form

ltr. in 5 mo. on the 4th try for a FR rpt. and ms. v/s Maimos Jacques, Le Responsable Technique. (Kusalik).

CLANDESTINE: Radio Halgan 9590 f/d "Holiday at Ahab" cd. in 34 ds.

* v/s A. Rashid A. Sed. Addr: P.O. Box 1686, Addis Ababa. (Kusalik).

* **A Voz da Resistencia do Galo Negro** 4973 p/d form ltr. in 3 wks. for ms. v/s Figueiredo Paulo, UNITA Representative to the US. (Palmerheim-MN). p/d ltr. in 7 wks. for ms. Tnx. to Dexter for address. (Howard-CA). f/d prepared cd. in 38 ds. for a taped rpt. and SASE. v/s Jardo Muekalia. Addr: Free Angola Information Service, P.O.Box 65463, Washington DC 20035-5463. (Allen). f/d ltr. in 43 ds. w/ site as Jamba, Angola. (Kusalik).

COLOMBIA: Radio Bucaramanga 4845 f/d prepared cd. w/ n/d ltr. in 5 mo. for a SP rpt. on an 83 reception. v/s Edgar Serrano Gomez, Director Artistico. (Palmerheim). f/d prepared cd. w/ personal ltr. in 21 ds. for a SP rpt. and 1 IRC. Large poster rcvd. (Schmitz-FRG). **Armonias del Caqueta** 4915 f/d prepared cd. in 67 ds. for a SP rpt. and SASE. v/s P. Alvaro Serna A. (Allen). **La Voz de los Centauros** 5955 n/d cd. in 44 ds. for a SP rpt. v/s Juan Carlos Torres Leyva. (Allen).

COSTA RICA: TIFC 5055 p/d cd. w/ form ltr. in 21 ds. for 1 IRC. (Morby).

CUBA: Radio Moscow 9600 via Habana f/d cd. in 2 mo. (Barto) Radio Habana Cuba 9740 f/d "Hotel Jagua" cd. in 121 ds. (Washburn). Radio Rebelde 5025 f/d cd. w/ pennant and stickers in 120 ds. for a SP rpt. and ms. (Foxx-VA).



LA VOZ DE CARABOBO



CYPRUS: CBC 7180 f/d "Bust" cd. in 31 ds. for 2 IRCs. (Wilkins-CO). f/d multi-colored cd. in 42 ds. (Kusalik).

CZECHOSLOVAKIA: OLB5 3170 p/d "Observatory" cd. in 6 mo. for 1 IRC. (Palmerheim).

DENMARK: Radio Denmark 9720 f/d cd.

in 3 wks. for 1 IRC. (Rugg-QUE). 15165 f/d "Trees" cd. in 2 wks. (Washburn).

DOMINICAN REPUBLIC: Radio Discovery 6245 f/d "Palm Tree" cd. in 10 ds. v/s Jeff White who said my rpt. was first from Alberta. (Kusalik).

ECUADOR: HCJB 9870 f/d "Bus Transit" cd. in 5 wks. (Barto). 11925 f/d "TAME Airlines" cd. in 5 wks. (Barto). Radio Paz y Bien 4820 f/d cd. w/ personal ltr. in 30 ds. for a SP rpt. and 1 IRC. v/s Enrique Pesantez G., Gerente. (Schmitz).

Radio Bahai 4990 f/d prepared cd. in 49 ds. after 2 f/up rpts. in SP w/ 1 IRC. v/s Derek Caney. (Schmitz).

EUROPEAN RUSSIA: Radio Moscow 13680 via Moscow f/d "Dzerzhinsky Square" cd. in 5 wks.

(Barto). 15210 f/d cd. in 3 mo. (Barto). 9810 f/d cd. in 52 ds. (Paszkievicz). 12025 via Kenga f/d cd. in 2 mo. (Barto). 15490 via Tula f/d

* f/d cd. in 30 ds. (Forst). 13735 f/d cd. for reception of an LSB transmission in RS in 6 wks. Site given on cd. as Zhigulevsk. (Barto).

FRANCE: Radio France International 17620 f/d "Arc de Triomphe" cd. in 63 ds.

* (Washburn). FTR77 10775 f/d cd. in 1 mo. for a 76 reception. (Bishop-PHIL).

GABON: Africa # One 4830 p/d "Logo" cd. in 408 ds. for a FR rpt. and 1 IRC.

* (Hardester-PA). Swiss Radio International 9625 via Moyabi f/d "Swiss House" cd. in 2 wks. (Buer-FL).

GALAPAGOS ISLANDS: La Voz de Galapagos

4810 f/d "Coastline" cd. in 37 ds. for a SP rpt. v/s Padre Victor Maldonado. (D'Angelo-PA).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 6125 f/d cd. in 193 ds. (Washburn).

GERMANY, FEDERAL REP. OF: Bayerischer Rundfunk 6085 p/d cd. in 66 ds. for 1 IRC. (Forst).

GHANA: Ghana Broadcasting Corp. 4915 f/d "Golden Jubilee" cd. in 133 ds. for 2 IRCs.

GREECE: Voice of Greece 7430 f/d "Caryatides" cd. in 38 ds. for 2 IRCs. (Eckert).

(Brouillette). 15630/14645 and 17565 f/d "Palaistra from Nord" cd. in 3 mo. (Barto).

GUAM: KTWR 9870 f/d cd. in 3½ mo. (Bishop). 15105 f/d "Christmas QSL Certificate" w/

* pennant and schedule in 3 mo. v/s Mrs. Debbie Blosser. (Bishop). KSDA AWR-ASIA 11980

f/d "Limited Inaugural Edition" cd. w/ new pennant and sticker in 19 ds. for ms. (Bis-

GUINEA: Radiodiffusion Nationale 4900 f/d form ltr. w/ schedule in 3 mo. for a hop).

FR rpt. and SASE. v/s Mr. Cheick Sylla, La Chef de la Division des Programmes. (Allen).

HAWAII: WWVH 5000 p/d "Outrigger" cd. in 17 ds. (Washburn).

HONDURAS: HRI

Sani Radio

4755 f/d ltr.

in 90 ds. for

a SP rpt. and

ms. v/s Edward

Pfister. (Dill-

on-MD). same

in 3 mo. for

ms. (Rugg). in

5 wks. for a

SP rpt. (Bis-

hop). HRVC

4820 f/d cd.

w/ form ltr.

in 24 ds. for

a SP rpt. and

1 IRC. (Brou-

illette-IL).



Radio Centrafrique

Richard Davis
Tom McElvy

RADIODIFFUSION
TELEVISION
CENTRAFRICAINE

B.P. 840 BANGUI
(REPUBLIQUE CENTRAFRICAINE)
TEL. 81.88.88 TELE. 8301.80



GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 6125 f/d cd. in 193 ds. (Washburn).

GERMANY, FEDERAL REP. OF: Bayerischer Rundfunk 6085 p/d cd. in 66 ds. for 1 IRC. (Forst).

GHANA: Ghana Broadcasting Corp. 4915 f/d "Golden Jubilee" cd. in 133 ds. for 2 IRCs.

GREECE: Voice of Greece 7430 f/d "Caryatides" cd. in 38 ds. for 2 IRCs. (Eckert).

(Brouillette). 15630/14645 and 17565 f/d "Palaistra from Nord" cd. in 3 mo. (Barto).

GUAM: KTWR 9870 f/d cd. in 3½ mo. (Bishop). 15105 f/d "Christmas QSL Certificate" w/

* pennant and schedule in 3 mo. v/s Mrs. Debbie Blosser. (Bishop). KSDA AWR-ASIA 11980

f/d "Limited Inaugural Edition" cd. w/ new pennant and sticker in 19 ds. for ms. (Bis-

GUINEA: Radiodiffusion Nationale 4900 f/d form ltr. w/ schedule in 3 mo. for a hop).

FR rpt. and SASE. v/s Mr. Cheick Sylla, La Chef de la Division des Programmes. (Allen).

HAWAII: WWVH 5000 p/d "Outrigger" cd. in 17 ds. (Washburn).

HONDURAS: HRI

Sani Radio

4755 f/d ltr.

in 90 ds. for

a SP rpt. and

ms. v/s Edward

Pfister. (Dill-

on-MD). same

in 3 mo. for

ms. (Rugg). in

5 wks. for a

SP rpt. (Bis-

hop). HRVC

4820 f/d cd.

w/ form ltr.

in 24 ds. for

a SP rpt. and

1 IRC. (Brou-

illette-IL).



**BBC FAR EASTERN RELAY STATION
SINGAPORE**

via Tom McElvy

CERTIFICADO DE ESCUCHA

NOSOTROS LE DAMOS GRACIAS POR SU INFORME DE RECEPCIÓN Y HEMOS VERIFICADO QUE ES CORRECTO.

EMISORA: LA VOZ DEL TROPICO-Villa Tunari, Cbba, BOLIVIA
FRECUENCIA: 4.458 kHz POTENCIA: 0.25 KW
FECHA: 17. Nov. 1984 HORA: 2215-2230 UTC

RADIO EMISORAS "CVU"
LA VOZ DEL TROPICO
DIFUSIÓN
VILLA TUNARI
COTAHAMBA, BOLIVIA

LE SALUDAMOS MUY ATENTAMENTE.

SELLO DE LA EMISORA

FIRMA

Obas Ustoria Alandia

ICELAND: ISBS 9595 f/d cd.

in 6 wks. for 1 IRC.

(Rugg). 11745 f/d cd.

in 18 ds. (D'Angelo).

INDIA: AIR 9545 f/d "Meen-

akshi Temple in Madurai"

cd. in 2 mo. (Barto).

4800 via Hyderabad f/d

"Hoysaleswara Temple"

cd. in 45 ds. (Meyer).

* 5050 via Aizawal f/d

cds. in 3 and 9 mos.

* (Bishop). 3305 via Ran-

chi f/d cd. in 99 ds.

(Bishop-PHIL).

NOTES: Ron Howard writes to say that he enjoys listening to WSZO playing their pleasant island music. He also says that DX this season in Calif. has been rather hit or miss. Gerry Bishop in the Philippines (USAF) has just returned from a few days rest in Tokyo. He logged his 200th country with WSZO! Great going Gerry. Harold Cones in VA. informs us that he has been doing a lot of grayline DXing in the 90 meter bands. Several PNGs and a few Indos were logged. Thanks for the booklet on the WPE registrations. Quite nice to read. Harold is President of the Great Circle Shortwave Society. Its a fine publication. For those of you that may be interested (circa 50s and 60s DXers), write to Harold at 2 Whits Court, Newport News, VA 23606. Steve Forst write to say that he needs just 2 more countries for the "World Wide DXer" award. Watch out Kap. Mike Hardester in PA has just purchased an R-70 receiver with a bunch of modifications. It is working fine! Its great to do a DXing Mike but you have to keep up with the household chores. Kirk Allen sends his greetings to everyone from "The Flatlands". He has been hearing a great many long path Afros in his AM well past sunrise. Quite a surprise!

JAPAN: NHK/Radio Australia
11875 special QSL cd. in 1
mo. w/ newsletter. (Kusalik)

JAVA: RRI Surakarta 4932 p/d
EG cd. in 21 ds. for an

EG/IN rpt. and ms. v/s

* T. Martono. (Bishop). RRI

Cirebon 2390 f/d IN ltr.

in 40 ds. v/s Mohammad

Alibasyah. (Bishop).

KIRIBATI: Radio Kiribati
14802 f/d "Islanders" cd.
in 37 ds. v/s B. Berker,
Engineer in Charge. (Kusa-
lik).

KOREA, DEMOCRATIC REP. OF:
Radio Pyongyang n/d ltr.
in 102 ds. (Foxx-VA).

KUWAIT: Radio Kuwait 11675
f/d folder cd. in 44 ds.
(Washburn).

LIBERIA: ELWA 4760 f/d cd. in
32 ds. v/s J. Tokeh, QSL
Clerk. (Kusalik).

LITHUANIA: Radio Vilnius 7165
f/d cd. w/ ltr. in 7 wks.
v/s J. Lukosevicius, Edi-
tor in Chief. (Rugg).

MALAGASY REP: Radio Nederland
15570 f/d cd. in 88 ds.
(Forst).

BEING THAT YOUR QSL EDITOR IS
A "HOCKEY NUT", I WILL NO
LONGER ACCEPT QSL REPORTS
FROM THE PROVINCE OF QUEBEC!
HI!



**FREE
ANGOLA**

FREE ANGOLA INFORMATION SERVICE

1650 K Street, N.W. • Suite 370 • Washington, D.C. • 20006-2202
(202) 775-0958

March 18, 1987

Ron Howard
P.O. Box 30060
Santa Barbara, CA 93130-0060

Dear Mr. Howard,

Based on the data which you mailed to us, it seems to indicate that you had, in fact, tuned into our radio broadcast "A Voz da Resistencia do Gole Negro". We have received numerous letters from radio enthusiasts who have tuned in at 4973 kilocycles, all of which have described similar programs.

Letters have been coming in from many different states within the United States and Canada. There have been letters from as far north as Massachusetts and Alberta, Canada; west as California and south as Florida.

In order to verify your particular reception of "A Voz da Resistencia do Gole Negro", please mail us a recorded tape from your listening post. Also, we do not have any verification cards at this office.

I will be happy to send you information on the situation in Angola. I would like to make you aware of our bi-monthly newsletter KWACHA NEWS. If you are interested, I would be glad to put you on the mailing list.

Sincerely,

Paulo
Figueredo Paulo
UNITA Representative to the U.S.

VERIFICATION SIGNERS: Radio Moundou 5287 Maimos Jacques, Responsable Technique. Radio Bras 15265 Nara Ferreira. BPM 10000 Qi Guan Yong. Caracol Neiva 4945 Alma Beatriz de Estrada. Radio Sutatenza 5095 Malen M. Diaz, Secretaria Direccion Nacional. Radio Encarnacion 11940 Professor Alejandro Lapierre, Director. La Voz de la Selva 4825 Hermano Marcelino Esteban. Radio America 3240 Luis Angel Pinasco, Gerente.

MALAWI: Malawi Broadcasting Corp. 3380 p/d personal ltr. on the 9th f/up rpt. for 2 IRCs v/s H.R. Chirwa.(Cones).

MALI: Radio Mali 4783 f/d "Map" cd. in 38 ds. for a FR rpt. and tape. w/ ms.(Eckert).

MALTA: Radio Mediterranean 6110 f/d "Map" cd. in 3 mo. for a taped rpt. and 3 IRCs.

MARSHALL ISLANDS: WSZO 4940 p/d personal ltr. w/ schedule in 21 ds. for (Matthews-OH).

SASE, 2 IRCs and a taped rpt. v/s Peter Boon who seems to indicate this was their * first SWBC QSL!(Tutak-WA). n/d form ltr. in 2 wks. for ms.(Meyer). p/d form ltr. in 2 wks. for ms.(Palmerheim). same in 20 ds. for ms.(Davis-NM). p/d ltr. in 16 ds. (Lare-MI). same in 13 ds. for ms.(Rigas-IL). ltr. in 13 ds.(Paszkiwicz). form ltr. in 2 wks. for ms.(Howard-CA)...Tnx for initial tip...Sam. same in 14 ds. for ms. (Wilkins). ltr. in 9 ds. for a taped rpt.(Kashiwabara-CA).4940/6070 p/d form ltr. in 21 ds. (Bishop-PHIL).

MAURITANIA: Radio Mauritania 4845 f/d "Map" cd. in 39 ds. for a FR rpt. and ms.(Foxy). same in 1 mo. for 2 IRCs.(Cones).

MEXICO: Radio Universidad XEQX 6045 f/d prepared cd. w/ p/d ltr. in 3 wks. for a SP rpt. and ms. v/s Manuel Carrillo Grageda, Director General.(Palmerheim).

MOLUCCAS ISLANDS: RRI Ambon 4845 f/d cd. in 7 wks. for an 83 reception on my 3rd try. This was for an IN rpt. and ms. v/s Drs. H. Ali Amran.(Palmerheim).... Please pardon my error from last QSL Column. Ambon and Ternate are Moluccas. I believe I had them listed under Celebes...Sam. (Rugg).

MONSERRAT: Deutsche Welle 11865 n/d cd. w/ sticker and schedule in 9 wks.

MOZAMBIQUE: Radio Mozambique 11818 p/d "Map" cd. in 31 ds. for a PT rpt. and ms.(Buer). 4866.0 f/d cd. in 9 wks.(Barto). 3212.1 f/d cd. in 2 mo.(Barto). 4866.3 f/d "Map" cd. in 2 1/2 mo. for a PT rpt.(Barto).

NEWFOUNDLAND: CKZN 6160 p/d cd. in 27 ds.(Washburn). (Barto).

NEW ZEALAND: Radio New Zealand International 6100 f/d cd. in 3 mo.

NICARAGUA: La Voz de Nicaragua 6015 p/d form ltr. w/ pennant and sticker in 3 mo. v/s Rodolfo Garcia G., Director of the Shortwave Dept.(Rugg). Radio Zinica 6121 n/d form ltr. in 68 ds. for a SP rpt. and ms. v/s



Arturo J. Valdez R. (Allen-OK).

NIGERIA: FRCN 4770 via Kaduna f/d ltr. in 18 mo. for 2 IRCs. v/s Yusuf Garba.(Weber).

NORWAY: Radio Norway International 9610 p/d "National Costumes" cd. in 26 ds. (Washburn).

NEW IRELAND: Radio New Ireland 3905 ltr. in 46 ds. for SASE and ms. v/s Kathleen Sakias, Assistant Station Manager (Rippel-VA).

PAPUA NEW GUINEA/NEW GUINEA TERRITORY: Radio Madang 3260 ltr. in 37 ds. for SASE and ms.

v/s S.P. Tiiori, Assistant Station Manager.(Rippel-VA). p/d ltr. in 55 ds. for 2 IRCs.(Cones). f/d ltr. in 1 mo.

for ms.(Lare). Radio Milne

Bay 3365 f/d ltr. in 7 wks.

for ms. v/s Trevor Webumo.

(Lare). Radio Eastern High-

lands 3395 ltr. in 21 ds. for

SASE and ms. v/s Robert Taula,

Station Technician.(Rippel).

f/d cd. w/ ltr. in 5 wks. for

ms. Photo of v/s rcvd.(Lare).

f/d cd. in 27 ds.(Bishop).

Radio Morobe 3220 f/d ltr. in

34 ds. for ms. v/s A.R. Nase,

Station Manager.(Cones). Radio

East Sepik 3335 f/d "Map" cd.

in 53 ds. for 2 IRCs.(Cones).

PARAGUAY: Radio Nacional 9735

p/d ltr. in 90 ds. for a SP

rpt. and ms. via registered

mail. v/s Carlos Montaner.

(Lare). ltr. in 4 mo. for a

SP rpt. and 2 IRCs.(Eckert).

19470.1 p/d form ltr. in 2 mo.

for a SP rpt.(Barto).

PERU: Radio Amistad 8515.1 p/d

* personal ltr. in 7 wks. for

a SP rpt.(Barto-CT).



radio sandino
VOZ OFICIAL DEL FSLN

PATRIA LIBRE O MORIR
PASADITO PISCAPA
MANAGUA, NICARAGUA
TELE 25491 - 25490 - 25491

1987: AODI NO SE RINDE NADIE.
Managua, 5 de Febrero
R.F. y P. # 933

Compañero
MICHAEL S. HARDESTER
P.O. Box 119
North Versailles, P.A. 15137-0119
U.S.A.

Estimado Compañero:

Con suma satisfacción le informamos que su reporte de sintonía del 8 de febrero de 1986, corresponde a transmisiones de Radio Sandino en 6,160 KHz banda de 4^{er} metros.

Agradecemos su informe y aprovechamos la oportunidad para enviarle información sobre nuestro país, y los mejores deseos para 1987.

Respectuosamente,

MICHAEL S. HARDESTER
DIRECCIÓN DE ASISTENCIA PÚBLICA
RADIO SANDINO R.F.

PERU: Radio Vision 5451
 * f/d prepared cd. in 45 ds. for a SP rpt. and ms. v/s Carlos Campos R., Gerente. (Plum-NJ).
Radio Inca 4762 f/d
 "Logo" cd. in 102 ds. for a SP rpt. and 1 IRC. Large paper pennant rcvd. v/s Jorge L. Jrei Jnamine, Gerente Tecnico. (Schmitz).
Radio Oriente 6188.6
 f/d prepared cd. in 111 ds. for a SP rpt. and ms. v/s Prof. Ricardo Arevalo Flores, Director-Gerente. Key ring also rcvd. via registered mail. (Wilkins).
Radio Cutervo
 6690 n/d personal ltr.

in 59 ds. for a SP rpt. and 2 IRCs. v/s Moruna Lozada V., Locutora. Pennant and station photo was rcvd. (Schmitz).

SOUTH AFRICA: Radio Orion 3955 f/d cd. in 1 mo. w/ stickers. (Kusalik). Radio Five 4880 f/d "Logo" cd. in 39 ds. v/s Minnie Visser. (D'Angelo). Capetown Radio 4291 p/d cd. in 22 ds. (Bishop).

SUMATRA: RRI Jambi 4927 f/d ltr. in IN for an EG/IN rpt. in 25 ds. v/s Syaip Siak.
SWAZILAND: Swaziland Commercial Radio 4980 f/d cd. in 3 1/2 wks. for a taped rpt. and 5 IRCs. (Matthews).

SWITZERLAND: Swiss Radio International 3985 f/d cd. w/ site as Lenk in 25 ds. (Kusalik).

TAIWAN: Voice of Free China 9955 p/d cd. w/ sticker in 2 mo. (Rugg). CBS 6087.1 f/d large cd. in 3 mo. v/s Lee Ming. (Barto-CT).

RADIO ZARACAY

THAILAND: Radio Thailand 9655 f/d cd. in 21 ds. for 1 IRC. (Schmitz-IRG).

TUNISIA: RIVI 7225 p/d ltr. in 445 ds. for 2 IRCs. v/s Mongi Chaffai, Le Directeur General (Cones-VA).

UKRAINE: Radio Kiev 7165 f/d cd. w/ schedule in 10 wks. (Rugg). 7175 f/d "Embroidered Towels" cd. in 108 ds. (Washburn). Radio Moscow 15475 via Vinnitsa f/d cd. in 2 mo. (Barto). 13705 via Simferopol f/d cd. in 5 wks. (Barto). 15440 f/d cd. in 2 mo. (Barto).

UNITED ARAB EMIRATES: Voice of the UAE 4905 cd. w/ schedule for a taped rpt. in 1 mo. * (Kusalik). UAE Radio Dubai 11955 f/d cd. w/ pennant in 3 wks. for 1 IRC. (Rugg).

USA: WHRI 11705 f/d cd. in 146 ds. (Forst). WCSN 7365 f/d ltr. for "First Broadcast Day" * rpt. in 9 ds. v/s Donald Feldheim. (Schipelliti-MA)...Hi Peter...Sam.

VATICAN: Radio Vatican 9605 f/d cd. in 71 ds. (Washburn).

VENEZUELA: YVTO 6100 p/d cd. in 42 ds. for a SP rpt. and 1 IRC. (Buer-FL).

WEST IRIAN: RRI Manado
 * kwari 3987 f/d personal ltr. w/ prepared ltr. in 40 ds. for an IN rpt. and SASE. v/s Abdul Rachim, Kepala. (Allen). RRI Sorong 4875 p/d personal ltr. in 6 wks. for an IN rpt and ms. v/s Ny. Tien Widarsanto. (Palmer-sheim-MN).

YEMEN ARAB REP: Radio San'a p/d form ltr. in 4 mo. for 2 IRCs. (Allen-OK). Sam

John H. Wilkins
 4585 Hoyt St.
 Apt. 205
 Wheat Ridge, CO 80033
 USA

REPÚBLICA DEMOCRÁTICA DE S. TOMÉ E PRÍNCIPE
 MINISTÉRIO DE INFORMAÇÃO
 RADIO NACIONAL DE S. TOMÉ E PRÍNCIPE
 Caixa Postal n.º 64 - 1. TOMÁ

Agradecemos e confirmamos o relato de escuta referente à emissão transmitida pela nossa estação, no dia, horas e frequências abaixo mencionadas.

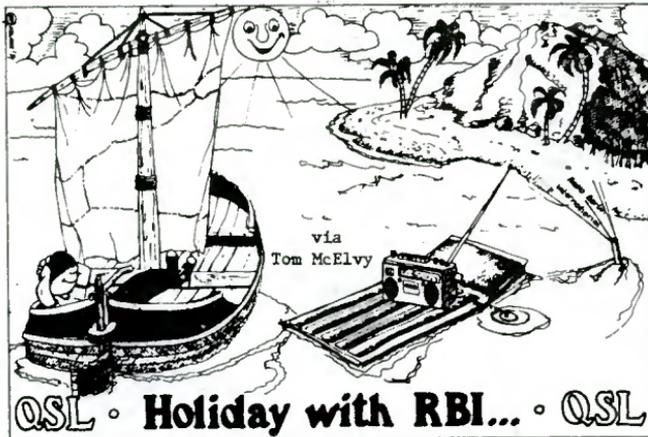
Nous vous remercions et confirmons la condition de reception concernant à l'emission transmise par notre Station de Radio, dans le jour, heures et frequences sus dessous:

We thank and confirm the reception condition, concerning the emission of our station in day, hours and frequency down:

Die 12/9/85 entre às 0522 e 0600 horas TMG
 Le jour _____ entre _____ et _____ heures GMT
 In the day _____ between _____ and _____ hours GMT

Frequência de 4885 KHZ, banda de _____ metros
 Dans la frequence de _____ KHZ, bande de _____ metres
 In frequency of _____ KHZ, band of _____ meters

Responsável:
 Juvenal P. Dias



QSL • Holiday with RBI... • QSL



Distributing Editor: John F. Hensult, 55 Lincoln St., Abington, MA 02351

CONTRIBUTORS LIST ***** MAY 1987 ISSUE ***** DEADLINE = 12th of MONTH *****

- Brian ALEXANDER, Mechanicsburg,PA.(?); Ted BATT, Virginia Beach,VA.(NRD525U);
- Norman BOBB, Minneapolis,MN.(R1000-R600); Arthur BONNET, W.Lafayette,IN.(DX400);
- Paul BUER, Miami,FL.(SPR-4); Doug BURLEW, Lewiston,PA.(FRG8800-DX-400-DX-66);
- Kenneth COBB, Portland,ME.(R71A-S40A);John G. COOK, Swarthmore,PA.(?);
- Richard D'ANGELO, Wyomissing,PA.(R70); Peter DILLON, Columbia,MD.(DX-400);
- Marlin A. FIELD, Hillsdale,MI.(SPR-4); Tom GAVARAS, Minnetonka,MN.(R70);
- Rob GERARDI, Benton,IL.(R71A); Mike HARDESTER, Modesto,CA.(R-1000);
- Michael HAWK, Hampton,VA.(ICF6800W-GE WORLD MONITOR II); Lynn HOLLERMAN
- Huntsville,AL.(DX302-DX66); Hans JOHNSON, Monterrey,CA.(R71A-RF2200);
- Brian JONES, San Antonio,TX.(R70); Ken KASHIWABARA, Panorama City,CA.(ICF2010);
- Kevin KLEIN, Appleton,WI.(R71A-ICF2002); Tom LASKOWSKI, South Bend, IN.(ICF2001)
- Harold LEVISON, Philadelphia,PA.(R70); David MORBY, Clifton Park,NY.(R71A);
- Sheryl PASZKIEWICZ, Manitowoc,WI.(NRD515); Christos RIGAS, Chicago,IL.(R2090);
- Chuck RIPPEL, Virginia Beach,VA.(NRD585-IC751);Mary Ann ROBERTS, Winnipeg,Can.
- (RF2200); Andrew RUGG, Nuns Island, Quebec(R390A-HQ180A); Daniel SAMPSON,
- Black River Falls,WI.(R-1000); Peter SCHIPELLITI, Burlington,MA.(IC745-FRG7);
- Roland SCHULZE, Stuttgart, W.Germany,(R5000-R70-R4C-SPR-4); Raymond SLAGT,
- Aruba, West Indies,(FRG8800-R2000); Bob THUNBERG, DuBois,PA.(R1000-SPR-4);
- Robert TOMKO, Belle Mead,NJ.(R71A); John TUCHSCHERER, Neenah,WI.(R70-FRG7700);
- Cathy TURNER, Yonkers,NY.(R-2090); Peter TUTAK, Seattle,WA.(R70); Marjorie WITTE,
- Torrance,CA.(?); Rev.Dr. Charles WOOTTEN, Norfolk,VA.(PanasonicDR49-Grundig2200).

There we have another 30 days worth of Members who have taken the time to give us their Shortwave Loggings for the May Issue. To these members, THANKS !!!!

Ladies and Gentelman, perhaps some of you are keenly aware of the sad state of affairs that some of our fellow Shortwave Hobby Clubs are finding themselves in these days. It is not a pretty picture at all my friends. For some reasons that I do not understand, these fine Clubs are losing membership at an alarming rate.

***** SPECIAL PROJECT NOTICE *****

Thankfully NASWA is not among those clubs suffering this fate. I would like to therefore implore you, the members, to get more actively involved in the month to month support of your club. Many of you for one reason or another, do not care to contribute your loggings to FRENEX. Fine, I am not asking you to go out and mail in wholesale loggings. What I am asking you fine folks to do is in a small manner, show your continued support for NASWA and what your membership in this Club is all about. The Task is really simple, I am asking that each and every single member of NASWA send in just one logging for each of the four Log Sections for the JULY 1987 ISSUE, that is all, 4 loggings per member. Of course if you wish to send more, that is fine. But four simple loggings is not a big chore to ask of each of the members. In effect, I'm asking each and every member of NASWA to PLEASE, show your support of the Club. Simply have the logs in my hands before June 12th and let the Shortwave Listening Hobby see how big and powerfull our Membership is and the support they have for their Club.

This month, I'd like to mention something that I had planned on mentioning a month or two ago and simply forgot when typing my comments section of the Log Reporters Column. It is becoming frequent that some of Foreign Contributors have been expending extra monies for "SPECIAL DELIVERY" Postage rates to see that their logs arrive here prior to deadline. SORRY FOLKS, for some reason SPECIAL DELIVERY does not work between Countries. Your Logs have not been here prior to Deadline and usually arrive in very poor physical condition. So Please save your hard earned monies. Use regular Air Mail or Surface rates and you will have a better chance of getting your loggings arrive in useable condition. I Thank you for your effort anyhow and wished that this worked out better.

In the past month or two, another SWL Club has joined together its members and held Mini DXpeditions in their local area. Old Dominion DX Association is a Virginia based SWL group. What this club has done is to have all ODDX members who are also NASWA Members, engage in a Joint Listening period wherein each NASWA Member partakes and together, they strive to monitor as many varied and new stations as possible. This serves two functions, first it gives all of the NASWA members, together, to log as many stations as possible at one time and a second it keeps the NASWA members in touch with each other on a frequent basis. NASWA has been luck enough to draw two fine ODDX members into its family of Column Editors. Tom McElvy has turned out several fine "COMPUTER CORNER" columns and Chuck Rippel has become the Conductor of "DXers FORUM. I would like to extend my thanks to both of these fine gentlemen for their fine work and their great effort to help improve both ODDX and NASWA at the same time. Keep up the Good Work Gentleman, we all profit from your endeavors.

That will be about it from here for this month folks. Its supposed to be the start of SPRING they tell me, but the SNOW Falling outside my windows and the need for heavy clothing still has a loud ring of WINTER to it somehow. We here in the Northeast have not had a very good month so far. The first 9 days of the month were totally void of any sunshine, instead we were inundated with heavy rains that produced devastating flood conditions in many areas. Then we were treated to three days void of rain and two of those three days actually had Sunfilled skies. It had to end sometime however and this morning we awoke to the familiar flakes of white falling from the sky and driven by 40mph winds. As the old saying goes, "If you don't like New England Weather, wait a minute or two and it will change", well my friends, I'm waiting patiently, but it keeps on snowing. Should prove to be an interesting Summer Season if this keeps up. From the chilly Northeast, keep those loggings coming and PLEASE take an active part in my proposed "SPECIAL PROJECT. Thanks to one and all.



WORLD CHRISTIAN
BROADCASTING
CORPORATION

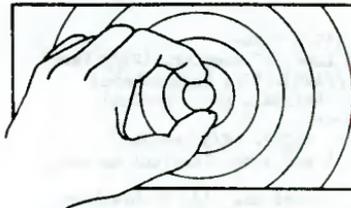
KNLS - THE NEW LIFE STATION
ANCHOR POINT, ALASKA 99556
UNITED STATES OF AMERICA

A MESSAGE TO OUR LISTENERS:

We are sorry if we have lost contact with you. We have had interference problems and had to change our frequencies from those previously announced. We hope you can tune-in KNLS on the following schedule thru 2 May 1987:

From 0800 to 1100 hours UTC on 5960 kHz, English to Asian Pacific Coast.
From 1100 to 1400 hours UTC on 7355 kHz, Chinese to Eastern China.
From 1400 to 1630 hours UTC on 7355 kHz, Russian to Eastern USSR.
From 1630 to 1930 hours UTC on 7355 kHz, English to Asian Pacific Coast.
From 1930 to 2200 hours UTC on 7355 kHz, Russian to Eastern USSR.

Let us hear from you!



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Harris, P.O. Box 264, Grove City, OH 43123

- 2390 GUATEMALA. LV de Atitlan. 0236-0304. SS. Mx variety and short talk. (7/4 Tuchscherer)
2485 AUSTRALIA. VLBR. 1102. EE. News, pop mx, fade out. (15/2 Paszkiewicz)
3200 SWAZILAND. TWR. 0359-0410. EE. IS and ID, then religious pgm. (6/3 Rugg)
3215 REP. SOUTH AFRICA. SABC. 0400. EE. Music, talk w/DJ. (12/3 Turner)
3235 PAPUA NEW GUINEA. R. West New Britain. 1057. Pidgin. Pop mx, talks. (3/4 Rippl)
3250 HONDURAS. R. Luz y Vida. 0100-0140. SS. Music, drama programme, vocals. (27/2 Jordan)
3254 VENEZUELA. LV de el Tigre. 0105-0145. SS. Vocals and instr. mx, romantic mx. (27/3 Jordan)
3275 VENEZUELA. R. Mara. 0018-0103. SS. Anmts, ID, and jingles. (6/3 Paszkiewicz), @ 0208 w/ talk (20/3 Wooten), @ (6/3 Jordan)
3280 ECUADOR. LV de Mapo. 1121-1139. SS. Music. (28/3 Kashiwabara)
3290 ZAMBIA. R. Zambia. 0319-0405. Mx variety w/english. (2/4 Tuchscherer)
3305 PAPUA NEW GUINEA. R. Western. 1035. Island music, ute QRM. (3/4 Rippl)
3325 GUATEMALA. R. Maya. 1103-1108. SS. Nice ID between mx. (12/3 D'Angelo)
3330 REPUBLICA. R. Rwandaise. 0309. FF. Drum and instrumental music, reggae, heard thru CHU. (19/3 Thunberg)
3335 PAPUA NEW GUINEA. R. East Sepik. 1040. Talks by YL and Island mx. (3/4 Rippl)
3340 PERU. R. Altura. 03454 SS. Peruvian music. (8/4 Field) @ 0000 with lively LA pops ID and anmts. (22/3 Jordan)
3345 INDONESIA. RRI Kalimantan Pontianak. 1259-1358. IN. IS, ID, TC. (21/3 Kashiwabara).
INDONESIA. RRI Ternate. 1150-1201. IN. Local then nat'l news. (29/3 Gavaras)
PAPUA NEW GUINEA. R. Northern. 1040. Long talk. (3/4 Rippl)
3365 PAPUA NEW GUINEA. R. Milne Bay. 0902-0909. News in EE, drum mx. (6/3 Tutak)
3366 GHANA. GBC. 2247-2304. EE. News //4915, ID's. (31/3 D'Angelo)
3370 CHINA. RR. 0546-0401. EE lesson, ID, TC, into CC pgm. (13/3 Hollerman)
3375 INDIA. AIR Gauhati. 1435. ID. EE talk about economic problems. (21/3 Johnson)
3380 GUATEMALA. R. Chortis. 0130-0150. SS. Talks by CH, then joined by another. (12/2 Jordan)
3385 PAPUA NEW GUINEA. R. East New Britain. 1354-1358. EZL music, anmts, ID. (29/3 Tutak)
3396 ZIMBABWE. ZBC. 0406-0412. EE. End of news, ID by YL and anmts. (3/3 D'Angelo); @ 0402 with news in EE. (22/3 Tuchscherer)
3600 CUBA. R. Rebelde. 0405-0455. SS. CM with sports event //600. (22/3 Jordan)
3905 PAPUA NEW GUINEA. R. New Ireland. 1211-1230. Talk; island music. (22/3 Paszkiewicz); @ 1344 with anmts. (20/3 Tutak)
3930 REP. SOUTH AFRICA. Capital Radio. 0418-0432. EE. Pop mx, ad's, ID's. (6/3 Rugg)
3945 JAPAN. NHK Tokyo. 0915-0933. JJ. Lionel Ritchie songs. (26/3 Gerardi)
3985 ARGENTINA. RAE. 0535. SS. Lite music, CM with many ID's. (28/3 Witte)
SWITZERLAND. SRI. 2215-2300. FF. Hard rock mx, ID, NA. (11/3 Turner)
3986t INDONESIA. RRI Manokwari. 1210-1220. IN. //3345 Ternate with Jakarta news, no ID heard. (29/3 Gavaras)
4000 INDONESIA. RRI Kendari. 1254-1301. IN. Talk and mx selections //3945. (20/3 Tutak)
4030 USSR(Asian). Anadyr. Chukot Radio. 0743-0802. RR. Talks, ID, IS. (25/3 Kashiwabara)
4431t BOLIVIA. R. Reyes. 0349. SS. Man with talk in SS. (17/3 Wooten)
4465 WEST GERMANY. R. Liberty. 0055-0100. Talk, IS, ID, and anmts. (12/3 Buer)
4607 INDONESIA. RRI Serui. 1147-1202. IN. Talk, vocals, ID. (22/3 Paszkiewicz)
4725t BURMA. BBS. 1431-1501. Burmese. Country music, ments of Rangoon. (14/3 Kashiwabara)—no ID listed on logging sheet so I'll make it tentative, please indicate this on your logging submission!!
4740 USSR(Turkmen). R. Afghanistan. 0140-0203. Koran recitation, talk and flute mx. (15/3 Buer)
4760 CHINA. Yunnan PBC. 1150-1205. CC. Vocals, instrumental mx. (2/3 D'Angelo)
LIBERIA. ELWA. 2150-2210. EE. Anmts, religious pgm. (26/3 Dillon)(29/3 Rugg)(21/3 Wooten)
SWAZILAND. TWR. 0305-0330. SH. Variety pgm with talks and mx. (13/3 Jordan)
4770 NIGERIA. RN-Kaduna. 2210-2230. Vern. US and Jazz music, ID and talk. (26/3 Dillon), et al.
4780 PERU. R. Tarma. 1109-1114. SS. Huaynos, ID. (28/3 Kashiwabara)
VENEZUELA. LV de Carabobo. 1910. SS. Lottery ad's, pop mx. (8/2 Slagt)
4784 MALE. RTVM. 2340-2359. FF. Music tunes, ID's, and talk. (6/3 Jordan)
4790 PERU. R. Atlantida. 0257-?????. SS. ID, reverb effects, local mx. (20/3 Wooten)
4800 LESTCHC. RL. 0326-0435. Talk, ID at 0330, "Good Morning" pgm. (12/3 Hollerman)
4805 BRASIL. RD Amazonas. 0150. FF. Music and jingles, S/off anmts. (27/3 Johnson)
4810 PERU. R. San Martin. 0509-0533. SS. All LA songs, ID @ 0527. (22/3 Tuchscherer); @ 0230 with energetic speech w/ crowd response, ballads and talk. (19/3 Jordan)
4815 BURMA-FAST. RR. 2330-0002. FF. Man interviewing local reggae artist with some reggae tunes, ID at 0000, NA, IS. (6/4 Cobb); @ 0710 with rapid talks in FF, ID's and some music. (13/3 Jordan); @ 2337 with afro music, some talk. (10/3 Levison); @ 2209 with talk by CH, ID and soft rock tunes. (21/3 Wooten)

- 4830 GABON. AF#1. 0520. FF. Mainly music w/ some FF talk. (17/2 Wooten)
 4832 COSTA RICA. R. Reloj. 0733. SS. Sp version of Debarge tune, DJ chatter. (23/3 Park)
 4835 MAI. RTVR. 0640-0653. FFF: Ad's, contemporary music //4783. (17/3 Kashiwabara)
 4840 VENEZUELA. R. Valera. 0220-0254. SS. Music selections, ballads. (26/3 Jordan)
 4845 BRAZIL. R. Nacional. 0320. PT. News and ID. (7/3 Roberts)
 4850 CAMEROON. R. Yaounde. 0507. EE. Religious choral music, talks. (8/3 Levison)
CHINA. CPBS Taiwan II. 1750. CC. Folk music, talk by YL and into classical mx sung by W. //6790. (15/3 Park)
 4870 BERLIN. LV de Revolution. 0617-0630. FF. Shirt anmts, tribal mx. (1/4 Kashiwabara)
 4880 RCP SOUTH AFRICA. SABC. EE. Ad's and news in EE. (8/3 Snyder); @ 0300 with ID's and TC's. (12/3 Turner).
 4885 BRAZIL. R. Clube do Para. 0325. PT. OK anncr with ID then talk. (10/3 Roberts)
PERU. R. Huancavelica. 0402-0530. SS. Commercials, slick ID's and lively vocals all rolled into one fantastic evening of listening! (19/3 Jordan)
 4890 BANGLADESH. RB. 1708-1716. EE/BG. News in EE with full ID and sked, commentary on Afghanistan, into BG talk. (14/3 Park)
PAPUA NEW GUINEA. NRC. 1100-1109. EE. End of local news and into national news, ID, TC, and some rock tunes. (14/3 D'Angelo)

Thanks to all the regulars this month. Another fine month of Papua New Guinea logs by Chuck Rippel and others as well.

I will not be doing a June column as I'll be attending EDXC in Helsinki during the time I normally have to prepare this. Send your logs to John as usual though as I am sure a guest appearance will be made by someone. I'll have a full report on EDXC 87 when I return. Until next, 73's and CU in 60!!!!

mbj

COMPSWL

127 Joseph Avenue
 Staten Island, New York 10314

Computerized Short Wave Listening (COMPSWL) Announces two new Computerized Publications available on paper or diskette

David Snyder, head of COMPSWL, announces the availability of 2 new computerized publications for the SWLer. These are just the first in a series of publications, projects, and programs for the swler and dxer.

NASWA Loggings

The loggings of NASWA (North American Shortwave Association) from January 1987 through April 1987 will be available May 1st. The computerized listing is sorted by frequency and again by time for your convenience. The cost for this publication is \$4.00 in printed form, \$5.00 for IBM compatible diskette and program.

North American Tropical Band Survey

The loggings for the bands 2.0 to 5.8 MHz from NASWA, SPEEDX, and ASWLC printed in frequency and time order. The cost for this publication is \$5.00 in printed form, \$6.00 on IBM compatible diskette and program. This publication will be available May 15th.

We expect to create and publish more publications and computer programs for the swler. If you have any ideas, suggestions, or can help in this venture please contact me. If you have an IBM PC and can type in some loggings and would like to receive the publications for free contact me as soon as possible.



LOG REPORT

section B

4900 to 6199 kHz

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

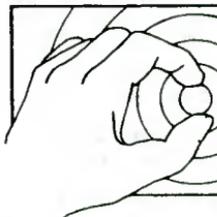
- 4900 GUINEA Conakry, 2335-0000* 3-14, hilife mx, ID, fqys, another ID, NA, fair(D'Angelo-PA).
4902.5 EGYPT Cairo, AR 0410-0500, mx, ID 0500; mixing prod. from 9805, 3-8, -14 (Schulze).
4905 BRAZIL R. Araguaia, EZL mx 0340 3-26, talk, carrier cut abruptly 0353* (Jordan).
4915 GHANA Accra, hilife mx, talks, 2124 4-5 (Batt-VA); in vernac and EG 2230 3-15, EG nx 2245, GEC ID 2258, booming organ mx; good signal (Schipelliti-MA).
4920 ECUADOR R. Quito, nice HC mx 0335 3-21, hvy static but exc sig (Witte-CA).
4925 CHINA Heilongjiang PBS, CH/KR ID 0900 3-17, KR amnts, female vocals, fair(Kashiwabara-CA).
4935 PERU R. Tropical, ballads 0305, improved 0340; ads, jingles, IDs; 0403* (Jordan).
4940 IVORY COAST Abidjan in FR 0630 3-14, Afr mx, spot IDs, amnts, pops, P-F (Jordan).
4940 MARSHALL IS WSZO, 0642 3-15, C&W mx, pops, TCs, hrd //1098 MW (Park-HI); aparently Marshallese mx 0827 3-13, IDs, PSAs, EG nx 0906, good (Kashiwabara-CA); 0840-1003* 3-14, island mx, talk, EG ID 1002 (Laskowski-IN); 0845-0915 3-26, island mx, lang.nx, wx, ID 0915, fair in QRN (Bobb-MN); 0850-1001* 3-18, talks, guitars, EG ID 0900, wx, PSAs, seemed to s/off arnd 1000 (Jordan); 0850-0933 with pop and island mx, IDs, nx 0900, EG nx 0907, sports, wx, better than Brisbane on 3-9 (Paszkiewicz-WI); island mx 0855 3-10, vernac.ID, EG nx 0909, back to vernac.at 0915 (Klein); 0855-1002* 3-15, EG, very weak, local relig. vocals, gal hard to understand; relig.mx 0930, WSZO ID hrd (Alexander-PA); 0858-1000 with continuous vocal mx, ID and fqys 0958, 1000*, fair-weak 3-29 (Gavaras); 0908-1000* on 3-17, mx, some EG (Field-MI); 0914-1002* 3-15, weak, island mx, talks, s/off after NA (Rigas-IL); 0937-1001* 3-18, island mx, no ID, weak below het (Schipelliti-MA); 0944-1000 3-24, Pacific mx, gal anner, off 1000 (Gezardi); choral mx 0955, EG ID as "R. Majuro, WSZO," times and fqys, brief choral singing and off 1001* (D'Angelo-PA).
4940 USSR R. Orbita via Yakutsk, fair 1525 3-20, pops, talk, Soviet pops, //4920,5015(Park-HI).
4945 BOLIVIA R. Illimani, reactivated 3-23, 0035, guitar mx, "informativos los Andes," ID 0045, Indian nx (Schulze); 3-28, 1058-1105 full ID, radio play (Kashiwabara-CA).
4945 UNIT. 3-12, s/off armt 0459 in SF, "LV de . . ." Off, then Colombian in clear; not hrd since (Field-MI); 1534-1602 3-20, C&W, Afro mx, pips 1600, maybe Swahili, maybe Kenya; despite repeated listening to tape, no discernible ID despite fair level (Tutak-WA).
4950 SARAWAK Kuching, EG 1412 with local political nx, ID, good sig (Kashiwabara-CA).
4952.4 ANGOLA R.Nacional, 0245 with local Afr mx, man talking, Luanda mentions, 0301 nx, back to local mx 0303, all 3-22 (Alexander-PA).
4955 CHAD N'djamena, good at 0528 tune-in 3-15, but hit by jammer 0532; local Afr mx, talk by M&W; also hrd following day 2120 with jammer (Alexander-PA).
4955 INDONESIA RRI-Banda Aceh, interesting mx prgm 1450 3-22, ID, IS, Jakarta nx (Johnson-CA).
4960 MADAGASCAR Tannanarive, tent. them 0250 4-2, Afro-VX mx, FR talks, maybe an ID, spotty rcpn (Jordan); 3-15 0255 with tent. IS on stringed instr, possible ID 0300, seemed like vernac.relig.prgm, heavy ute QRM (Laskowski-IN); in lang.at 2130 4-5, short IS, into Afr mx and pops, hrd to 2200* (Batt-VA).
4965 BRAZIL R. Foti, 0345-0402* 3-14, poor with ute QRM, IDs, some nice mx, abruptly off 0402* (Alexander-PA).
4965 PERU R. San Miguel, mostly strings 0327 3-5, EZL mx, ID arnd half hr (Johnson-CA).
4969 VENEZUELA R. Rumbos, here past few weeks with technical problems, off fqy and distorted audio; SF hrd at 0325 on 3-21 (Alexander-PA).
4970.4 PERU R. Imagen tentatively, 0630-0855 3-15, weak with OA and LA mx, amnts, mentions of Tarapoto, San Martin; gave up on ID after two hrs of listening (Alexander-PA).
4985 BRAZIL R. Brasil Central, LA mx with PT amnts at 0412 on 3-12, ID 0415 (Roberts).
4990 PERU R. Ancash, lively vocals 1017 3-15, TC, "R.Ancash, LV de los Andes"(Paszkiewicz-WI).
5004 EX-TERRITORIAL GUINEA Bata, 2155-2204 3-28, F-C with mx, ID, s/off armt 2200, into usual long NA to 2204 (Rugg-QUE).
5010 CAMEROON Garoua, 0523 3-11, poor with vernac.cmtry, EG nx 0533, several EG IDs, EG cmtry to 0547 when returned to vernacular (Rugg-QUE).
5015 CLANDESTINE R. Truth, vernac.and EG 0423-0434 3-14; bird call IS 0430, into EG, "Hello Zimbabwe," pol.talk about S.Afr. ID (Alexander-PA); birds 0430 3-12, EG ID, poor sig (Roberts); tent. them at *0430 3-18, IS, bad static, Zimbabwe and S.Afr mentioned but only bits and pieces possible, buried by 0452 (Jordan); end of ID hrd 0431 3-29, into pop mx to 0435 newcast, poor sig overall (D'Angelo-PA); 0447-0502* 3-26, EG cmtry, pops, ID, think they gave address as Mr. -- Thomas, POB 996, Vienna, VA 22180, said don't address to "R. Truth" and all other addresses are invalid; poor (Kashiwabara-CA).
5015 USSR RM at 1425 on 3-21, EG, the usually Vladivostok; talk on American hunger striker, ID (Johnson-CA); Mayak via Vladivostok at 1817 3-15, clas.mx, //5940,6035,6090 (Park-HI).

- flourishes and SP ID, into nx (Park-HI).
- 6040 W.GERMANY DW, 0132-0150*, EG world nx, talk, features, IDs, good rcprn 3-20 (Bonnet-IN).
- 6045 LIBERIA WOA, very poor at 1902 on 3-15 with Afro and world nx in EG, "Africa in Print," //15410 (Park-HI).
- 6055 FR.GUIANA RFI-Montsinery, fair at 0340 on 3-30 in EG and FR, with amnt about new EG sked, gal with FR-EG IDs and talk, mx, //9800 (Park-HI).
- 6055 PERU R. Continental, in SP 0750-0850 on 3-14, SF/US pops, ID, ads, jingles, TC (Alexander-PA); 1042 on 3-15, no ID, lost when Cuba signed on 6060 at 1058 (Field-MI); rustic flute mx at 1043 on 3-15, instrumentals, ID 1051 (Paszkiewicz-WI).
- 6070 BULGARIA Sofia, EG mailbag prgm 0045 3-18, fair sig, 11720 lousy (Schipelliti-MA).
- 6070 CANADA CPRX, 0005 on 3-21, sports nx, ID, pop songs; first time logged in FL, last hrd in NY over 15 yrs ago; poor sig (Buer-FL); 0807-0817 with EZL mx, local ads, interview, poor sig (Kashiwabara-CA, 3-25); hrd 1245-1400 4-6, interview with Bluejays, nx, wx, mx, traffic rpt, complete ID with MW and SW fqys and calls, good rcprn (Cobb-ME).
- 6080 ALBANIA Tirana, fair 0145-0157* 3-15, nice Albanian folk mx, ID by man before closing with the Internationale (Rigas-IL).
- 6080 E.GERMANY RFI, EG 0005 3-21, talk on Africa, human rights, etc. (Levison-PA).
- 6090 CUBA Havana, Tanya Jackson hosting prgm on ragtime, *0000-0030 4-6, very good (Morby).
- 6100 USA WHRI, preaching 0735 3-5, poor signal (Park-HI).
- 6105 USA WYFR, 1440-1500 3-10, EG religious talk, songs for "Listeners of the Day," ID 1445, 1459; this to Canada; strong but fading (Hollerman-AL).
- 6115 JAPAN NSB, traditional jazz mx prgm in JP 0840 3-14, no talk; //9760, good (Park-HI).
- 6115 MEXICO R.Universidad de Sonora, 1602 4-5 with musica de Mexico, good sig (Kashiwabara-CA)
- 6115 PERU R. Union, 0535-0612 4-1, ID, TCs, campesino mx, amnr interrupting (Kashiwabara-CA) 0810-0821 3-30, loud-voiced man with Andean mx, blocked by QRM 0821, probably Llano coming on (Bobb-MN).
- 6120 CANADA R. Japan over RCI, 1130 3-29, nx, Jap-Sov talks, DX prgm, VG (Sampson-WI); 1140-1200 3-7 with rvw of Tower Commn rpt, ID, Japanese lessons, good sig (Dillon-MD); 1124 3-31, pre s/on IS, exc signal, opening with EG nx (Cook).
- 6125 E.GERMANY RFI, 2200-2215 3-15, EG talk about museums (Tomko).
- 6130 CANADA CHNX, 1115-1150 4-1, CHNS IDs, local nx, sports, ads, traffic rpt, mx, TCs (one hr ahead of EST), wx, fair sig (Cobb-ME); 1121 3-14, ad string, promo for traffic rpt "on 96 CHNS," contest nx, rock vocals, 7:30 TC at 1130; fair (D'Angelo-PA).
- 6130 ECUADOR HCJB, poor in EG at 0810 3-15, "Saludos Amigos" with MacHarg, //9745 (Park-HI).
- 6150 COSTA RICA R. Impacto, hrd 1113 3-14, IDs, mentioning coverage area, "Buenos noches Costa Rica, buenos noches America Central," into nx abt Nicaragua; fair (D'Angelo-PA).
- 6155 AUSTRIA Vienna, EG at 0135 3-19, fair, talk on economics, railways (Levison-PA); EG nx 0130 4-7, talk about dams and tolls, fair signal (Tomko); 0340 on 3-25, EG talk about social security in Austria, good with light QRM (Cook); 0438 on 3-15, EG rvw of film on Nazi death camp (Cook).
- 6155 JAPAN FEN, 0757 4-2, EG ID, fqys, CBS nx, fair signal (Kashiwabara); at 0846 on 4-14, local "Freestyle" show, Boston mx, TC, comedy featurette (Park-HI).
- 6160 ANTIGUA DW, poor at 0855 4-14 with IS, ID (including site), horn, E.Asian svc, EG "Saturday Panorama" (Park-HI); EG 0945 3-22, "Sunday Panorama" with nx, strong, amnd //s 15205, 15330, 17780, 17800, 21650, 21680 (Schipelliti-MA).
- 6160 CANADA CKZU-Vancouver, CBU programming 0849 3-14, Peter Sellers, DJ talking to Toronto caller, muppets, piano mx, nx 0901 (Park-HI); hrd 1504 on 3-14, nx, ID 1505 (Roberts).
- 6160 CANADA CZZN-St.Johns, CBC regional nx at 1002 3-22, mx 1005, island wx, sports scoreboard, fair sig (Schipelliti-MA); 1125 on 3-31, CBC ID, local nx, wx, sports, notice that ferry curtailed due to ice problems, TCs 1 1/2 hrs ahead of EST (Cobb-ME).
- 6160 COLOMBIA Em. Nueva Granada, hrd 1126 3-11, nx, ads for Bogota banco (Field-MI).
- 6160 S.AFRICA R. RSA, in PT from 0048 on 3-16, thought Brazil till 0055 ID (Field-MI).
- 6160 USA WGSN, EG test tones, ID, sked, address, 1230 3-28 (Alexander-PA); also 3-28, hrd 1304, good with test tones, ID, address; switched to 7355 at 1307 (Rigas-IL).
- 6165 NETH.ANTILLES RN-Bonaire, live call-in Happy Station prgm at 0250 4-6; I called in, spoke with Tom, said hello to all NASWA members (Schipelliti-MA).
- 6170 COLOMBIA LV de la Selva, talk, vocals, TC, ID, 1037 3-15 (Paszkiewicz-PA); nx 1122, faded out by 1145 (Field-MI).
- 6175 ANTIGUA BBC relay, opera, world nx, press rvw, good sig 0156-0215 3-9 (Dillon-MD).
- 6180 NETH.ANTILLES TWR-Bonaire, open carrier 0058 3-26, IS 0103, ID, relay site, target, SP nx 0105, religious program, fair to 0155* (Jordan); in SP 0108-0155* 4-3, LA nx and mx, frequent IDs (Tuchscherer-WI).
- 6185 USA WRNO, GH's "World of Radio" at 0423 3-21, very poor, blocked by WOA 0430 (Park-HI).
- 6190 JAPAN Tokyo, Japanese track and field coverage at 0753 4-3, four pips; 0800*; poor sig, supposed to be 3 kw (Kashiwabara-CA).
- 6190 LESOTHO BBC relay, poor at 1743 3-15 in EG/PT; "African Perspective," amnt of fqy switching; PT amnt, Big Ben, "Prima Jornal," //11820 (Park-HI).
- 6195 IRAQ Baghdad, in EG at 0140-0202 on 3-25, gal anncr reading cntry and nx on the Iran-Iraq war; IDs, local mx. Fighting CBC Northern Svc for fqy, though dominant over Canada (Gerardi).

+++ And to our regulars and other stalwarts, thanks for sending along your items.

Till June, 73 —

- 5020 SOLOMON IS Honiara, EG, man with natl mx 0733 3-15, ID, //9545 (Park-HI); softball and other sports scores at 0923 3-16, ID, good sig (Kashiwabara-CA); ID at 0930 on 3-10, test tones (Klein); man with nx 1109 3-22, ID 1110, into light C&W mx, IDs, mentions of fqys 1035, 5020, 9545; NA to 1132* (Schipelliti-MA).
- 5030 CENT.AFR.RiP. Bangui, Afr mx 0515, FR talk; presumed, as no ID hrd (Field-MI).
- 5030 CHINA CPBS, EG language lesson 1442 3-13, probably at intermediate level, using American accent; //5075, 5163 (Park-HI).
- 5030 PERU R. Los Andes, 0150-0201* 3-15, romantic ballads, M&W anncrs, ads, anmts, ID, CA NA to 0201* (Alexander-PA); 1004 3-15, Andean vocals, anmts, "Buenos dias Peru y America" (Paszkiwicz-WI); hrd 3-11 at 1152 with SP nx (Field-MI).
- 5035 BRAZIL R. Aparecida, EZL mx at 0116 on 3-16, EG vocals, Diana Ross, Olivia Newton John, short anmts by gal until full ID at 0200 (Johnson-CA).
- 5040 CHINA Fujian PBS, CH-style western opera mx at 0924 on 4-2, gal with fast ID, then talk, with some mx during interludes; ute WRM (Park-HI).
- 5040 ECUADOR LV del Upano, 0230-0244* 3-20, classical mx, s/off ID, two anthems, good signal (Kashiwabara-CA); 0232 on 3-4, caught at s/off with anthem and fanfare, ID, fqys, address, fair sig but overmodulated (Tutak-WA); hrd 1105 3-17, prgm was religious in content, mx, choral sermon, fair signal (Levison-PA).
- 5040 USSR RM via Novosibirsk, RS 0246 3-4 after Upano closed, interview to 0259, RM IS, bells, 6 strokes, big bell 0300, choral anthem, poor-fair (Tutak-WA).
- 5041 UNID. Hrd mx prgm 3-21 at 0529, very weak, couldn't tell lang, gone by 0534 (Field-MI).
- 5047 TOGO Lome, IS 0527-0529 3-4, then NA, s/on anmts, ID by man in FR at 0530, into talk (more like a reading than nx), vernacs 0531 after anthem; fair sig (Tutak-WA).
- 5050 COLOMBIA LV de Yopal, ID 2320 3-14, ad, LA mx, ute WRM (Schulze).
- 5055 COSTA RICA TIFC, EG repeat of "Back to God Hour" 0315-0340 4-6, ID 0433, good (Morby); man with EG religious talk, 0340 on 3-7, ID 0343 (Roberts).
- 5060.4 ECUADOR R.Nacional Progreso presumed, LA mx, gal anncr, HC NA to 0338* 3-14 (Alexander-PA).
- 5125 CHINA CPBS, opera 1756 3-15, //7620 (Park-HI).
- 5125 W.GER.MANY? RFE 0401 3-25, fair with Czech Svc in USB, Roumanian in LSB (Rigas-IL).
- 5163 CHINA CPBS, CH instrumental mx 1155 3-28, ID, short anmt, fair sig (Kashiwabara-CA).
- 5273 PERU R. Onda Popular, mx prgm at 0145 on 3-19, ID 0230, mx to 0300 (Field-MI).
- 5377 UNCERTAIN Amer.Forces Network, fair with EG pop mx prgm 0345 3-25, ID 0359 as AFN-Europe, TC, ABC nx at 0400 (Rigas-IL).
- 5894 INDONESIA RRI-Pekanbaru, 1507-1535 fade-out, Indo world nx, marching bands, ID, into non-stop Islamic prayer; poor signal (Kashiwabara-CA).
- 5905 USSR RM from FE site, 1505-1530 3-14, EG nx, prgm previews, short mailbag, exc sig (Kashiwabara-CA); fair in EG at 1731 3-14, nxbrief, top tunes, many //s (Park-HI).
- 5915 USSR RM, EG 2145-2159 tune-out, nx of the Balkans, RM WS ID, 3-30 (Tuchscherer-WI).
- 5930 CZECHOSLOVAKIA Prague, 0100-0157 4-6, good in EG with "Sun Mag of the Air" (Tomko).
- 5935 LATVIAN SSR Tent. Riga, 1215-1230 3-28, RS talk by M&W, anmt 1230 (Paszkiwicz-WI).
- 5940 USSR RM good 0118 with "Outlook," nx 3-25 (Hawk); Mayak prgm via Magadan, poor at 1812 on 3-15, RS talk about the Ukraine, 1814*, //6035, 6090 (Park-HI).
- 5950 FR.GUIANA Probably Montsineroy, RPI in SP 0052 3-13, very strong, //9800, 11995 (Laskowski).
- 5950 USSR RM WS, poor from FE site, EG nxbrief 1730 3-7, top tunes (Park-HI). IN.
- 5960 ALASKA KNLS, fair in EG at 0803 3-15, ID and tnx for listening, then Chuck Cecil's "The Swingin Years" (Park-HI).
- 5970 JAPAN Tokyo good in JP at 0825 3-14, live coverage of Spring Grand Sumo Tourney in Osaka, anncr talking to one of the wrestlers (Park-HI).
- 5970 ADEN DYBS fair in AR at 1718 3-14, long piece of AR mx, audience clapping, talking, then slow ballad with strings (Park-HI).
- 5975 ENGLAND BBC, EG at 0158 on 3-23, classical mx, world nx, press review, good sig (Dillon-MD); also 0310 3-18 with talk on Pope in Chile, good signal (Jordan).
- 5980 TAIWAN Voice of Asia, poor in EG at 1543 on 3-11 with cmtry on Pres.Reagan, Iranian arms deal; then light symphony mx, ID 1557, talk on ozone (Park-HI).
- 5985 USA VoFC over WYFR, fair with EG ID 0310 3-15, talk on HK's future (Park-HI).
- 5990 JAPAN Tokyo, brief bltn of EG world nx 1425, 1430* 3-14 (Jones).
- 5995 AUSTRALIA RA, EG "Talkback" at 0710, //15160 3-15 (Park-HI).
- 5995 USA WHRI, s/on at 1100 in EG on 3-31, exc signal (Cook).
- 6005 CANADA CFCX, 1200-1225 4-6, call-in talk show, "what would you ask Pres.Reagan if you had the chance"; good reception (Cobb-ME).
- 6005.4 COSTA RICA R. Relej, world nx 0932 3-22, IDs, TC, mx, fair sig (Schipelliti-MA).
- 6010 S.AFRICA R. RSA, poor in EG at 0240 3-30, ID, fqys, TC, DX prgm, //6185,9615 (Park-HI).
- 6015 IVORY COAST Abidjan, local mx plus jazz and rock, 2212-2310 4-2, //4940 (Tuchscherer-WI).
- 6015 NICARAGUA LV de Nicaragua, 0046 on 3-14 with LA mx, ID 0047, all SF (Roberts).
- 6020 MEXICO XEW, ID at 0126 on 3-16, mx followed (Field-MI).
- 6020 HOLLAND RN, prgm in PT at 0035 3-16, mx 0049, that was Brazil till hrd ID at 0126 (Field-MI); fair at 1124* 4-5, EG ID, fair signal (Cook).
- 6025 HUNGARY Budapest, 0200-0228, IS, ID, billboard, talk, classical piano, 3-30 (Jordan); hrd to 0330* 3-16, into another language; poor sig (Cook).
- 6030 USA AFRTS-Bethany, "The Source Rpt" at 0640 on 3-15 (Park-HI); good with relay of NPR, 1124 on 3-31 (Cook).
- 6040 E.GERMANY REI, mad violin mx during SP prgm at 0456 3-15; celeste IS 0458, horn



LOG REPORT

section C

6200 to 11699 kHz

Editor: Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004

- 6200 LITHUANIA R. Vilnius 2301 EG. News, interview. (Levison 3/7)
- 6200 UKRAINE R. Kiev *0300-0330* EG, IS, ID, news, items on Soviets new 'openness' policies, tlk on nukes, books. (Jordan-PA 3/26)
- 6205 ECUADOR HCJB 0725 EG, "Guidelines" and the "Happiness IS" show, also on 9860, local QRM. (Park-HI 3/23)
- 6230 ECUADOR HCJB 0240 EG, stamp collecting, news, fair sig. (Cook 3/28)
- 6240 ANTIGUA BBC *0000-0010 EG, world service relay, IS/ID, news and items on Contras/U.S., royal family items. (Jordan-PA 3/19)
- 6250 N. KOREA R. Pyongyang 2243-2308 KR, mx, ID/2300. (Tuchscherer 3/30)
- 6250 VATICAN Vatican Radio 0030 EG, mx, ID/0100. (Laskowski-IN 3/21)
- 7098.6 PAKISTAN R. Pakistan 1810, Venacular, local mx, ID with strong sig., on 3/11 sig. vaied to 1099.9 at 1759, IS/ID, pips with news in AR. (Schulze 3/9, 3/11)
- 7100 PAKISTAN R. Pakistan 1722 EG, Afghan war tlk, ID/mx. (Park-HI 3/12)
- 7105 ASCENSION BBC 1726 EG, wld svc, "History of Radio Comedy" on pre war and WW2 entertainment. //7160 (Park-HI 2/23)
- 7115 BULGARIA R. Sofia 2130-2200 EG, news, Spectrum-lifestyle of wood carvers, ski rescue units. (Tomko 3/15)
- 7120 AUSTRALIA R. Australia 1308-1335 CH, CH vocals, mx w/annmcs in between songs, ID in CH, fair. (Holleran-AL 3/17)
- 7150 USSR R. Moscow 0334 EG, OM w/speech, music. (Sampson-WI 3/21)
- 7160 ASCENSION BBC 0402 EG, "Newsdesk", tlk on books banned in Turkey cause mentioned Armenian kingdom, "Heres Humph" (Sampson-WI 3/21)
- 7165 ENGLAND R. Canada 2104 EG, Davenport stn., news, review of the week, SWL Digest. good sig. (Laskowski-IN 3/14)
- 7190 PHILIPPINES R. Veritas 1205-1214 JP, ID w/tlk about droughts, good signal. (Kashiwabara-CA 3/28)
- 7205 AUSTRALIA R. Australia 1200 EG, IS/ID, news. (Snyder-NY 3/6)
- 7215 TURKEY TRT 2200-2300 FR, news, cmntry. (Jordan-PA 3/18)
- 7225 RWANDA Deutsche Welle 0459-0516 EG, realy, news/cmnty, ID's, occasional mention of E. Africa, FR at 0515. (Rugg-QUE 3/11)
- 7235 FRANCE RFI 0405-0430* RS, W into tlks, mention of Moscow with mx/ballads, ID's, good sig. (Jordan-PA 3/18)
- 7235t MALTA Deutsche Welle 0405-0420 AR, relay, no ID hrd but under RFI w/variety of AR mx/vocals, prayers, poor sig. (Jordan 3/18)
- 7242.6 MOZAMBIQUE R.M. 0315-0400 PT, weak w/tlk by M/W, chorus and chimes at 0400. //4865.7. (Alexander-PA 3/14)
- 7245 LIBYA R. Jamahiriya 0043 AR, M/W talks, mx to 0100 into drama till 0115, news, good signal (Rugg-QUE 4/6)
- 7255 NIGERIA V. of Nigeria 0444-0500 EG, Test tone till 0445, bells on tape loop, fast drum IS at 0456. (Schipellite-MA 3/16)
- 7255 NIGERIA V. on Nigeria 0505 EG, high life music W/M annrcs, EG ID at 0530, exc. signal. (Roberts 3/26)
- 7270 POLAND R. Poland 2230-2300 EG, report on Polish trade relations and review of events. (Tomko 3/15)
- 7310 TUNISIA R. Tunisienne 0615 AR, pips, news followed by play or drama, mx, no ID hrd but TUN. listed here. (Laskowski-IN 3/12)
- 7325 ENGLAND BBC 0159-0215 EG, news, press reviews. (Dillon-MD 3/24)
- 7345 CZECHOSLOVAKIA R. Prague 0131 EG, sports roundup, listener mail, cmntry on trade unions. (Levison 3/10)
- 7355 USA WCSN 1502-1506* EG, ID/IS, schedule and address, also hrd from 1544-1552* with good signal. (Paszkiwicz 3/28)
- 7355 USA V. of Free China via WYFR 2216 EG, featured a talk about the shipping industry, good sig. (Schipelliti-MA 3/21)
- 7355 USA WCSN 1330-1338 EG, Testing, sked/address, IS. Address reads: World Service of the Christian Science Monitor, Box 860, Boston Mass, 02123. (Alexander-PA 3/28)

7355 USA WCSN 1341 EG, testing, ID, etc. (Cook 4/5)
 7365 USA WCSN 2254 EG, freq. check, music, ID at 2300, nx. (Klein 3/20)
 7380 SIBERIA R. Moscow 1836 EG, "Moscow Mailbag" //7375, 7385 (Park 4/2)
 7410 ISRAEL Kol Israel *2230-2300* EG, OM ancr w/news and interviews.
 political cmntry and pgm "Spotlight", good sig. (Jordan-PA 3/21)
 7430 GREECE V. of Greece 0343-0347 EG, nx into GG @ 0347. (Snyder 3/16)
 7438 PIRATE R. North Coast International 2145-2203* EG, US pirate w/
 rock music by Capt. Willy, good sig. (Rigas-IL 3/21)
 7470 CLAND. R. Caiman 0345 SS, rock mx w/ID at 0345 by YL, OM w/soff
 announcement at 0356, SIO343. (Sampson-WI 3/22)
 7475 TUNISIA R. Tunis 0440-0503 AR, Arabic with Koran, etc. ID at
 0500, strong signal. (Gavaras 3/29)
 7485 TUNISIA R. Tunis 2255 AR, mx, ID at 2300 into nx. (Roberts 3/18)
 7495 ISRAEL IBA Hebrew Home Service *0358 s/on with IS, Hebrew tlk.
 etc...good signal. (Gavaras 3/29)
 9022 IRAN VOIRI 1945-2000 EG, nx, cmntry. (Hawk 3/22)
 9170t CHINA CPBS Taiwan Svc. 1130-1200 Oriental lang., tlks by W ancr,
 poss. ID at 1135, into more tlks and mx breaks. (Jordan-PA 3/11)
 9435 ISRAEL Kol Israel 2000 EG, news, DX show w/Mailbag, announced
 other bcst freqs, good sig. (Schipelliti-MA 3/22)
 9440 CHINA R. Beijing 2018-2025 EG, folk tale pgm, sign off as the
 North and West Africa Svc., local QRM. (Park-HI 3/5)
 9455 USA VOA 0230 EG, "Press Conference USA" with the Asst. Secy of
 Treasury David Malford. //9650 9775 (Park-HI 3/15)
 9465 USA VOA 0228 SP, "Musica Country", C&W show on bluegrass music,
 ID at 0244. //9670 9840 (Park-HI 3/15)
 9465 USA WCSN *1956-2005 EG, 8 note IS to 2000 s/on, news followed.
 Good sig w/some QSB. (Buer-FL 4/3)
 9465 USA WCSN 2027 EG, test bcst, promo pgm for stn. Segments intro-
 ducing new station, good sig. (Laskowski-IN 3/29)
 9470 USSR R. Moscow 2020-2040 PT, nx and cmntry. (Hawk 3/22)
 9475 EGYPT R. Cairo 0300-0315 EG, mx w/listener letters. (Tomko 3/30)
 9495 USA KVOH 0145 SP, M w/ID "...La Voz de...Kah-Veh-Oh-Ahchech, Los
 Angeles", into brief novella, never hrd on 9505. (Park-HI 4/3)
 9505 MADAGASCAR R. Nederland 1330-1340 Dutch, s/on with news for SE
 Asia, very good signal. (Buer-FL 3/9)
 9509 ALGERIA RTA 2258-2404 FR, pop mx, news, ID at 2300. (Rugg-QUE 3/11)
 9515 IRAQ R. Baghdad 2045-2100 AR, AR tlk/mx, poss. ID by OM into
 more Ar mx, ID at 2100 w/news. (Jordan 3/15)
 9515 IRAQ R. Baghdad 2050-2110 AR, mx from 2050-2058, ID as "Huna
 Baghdad", time pips till 2103 into tlks, good. (Buer-FL 3/21)
 9525 CLAND. R. Marti 0209 SP, via VOA, ancr "Angestano Cubana Latina",
 promos into W with talks. (Park-HI 3/15)
 9535 JAPAN R. Japan 1820 EG, M&W w/tlk on sewage treatment/recycling
 in Japan, local QRM. (Park-HI 3/20)
 9535 NETH. ANTILLES R. Nederland 0430 EG, pgm "Caribbean Night Call",
 QRM locan and unid on 9530. (Park-HI 3/22)
 9535 SWITZERLAND Swiss Radio Intl 1950-2005 EG/GM, news and cmntry
 into GM language. (Hawk 3/22)
 9535 CHINA R. Beijing 1135-1150 EG, mx and ID to "Listeners Calling"
 show, M&W ancrs. (Cobb-ME 4/3)
 9540 MADAGASCAR RNW 1850 EG, "Newslines", "Airtime Africa", with John
 Hammond, QRM from jammer and local. (Park-HI 3/27)
 9540 POLAND R. Poland 1742 EG, cmntry on labor market and earnings,
 also cmntry on smoking, SIO333. (Levison-PA 3/18)
 9550 SWAZILAND TWR 1759 EG, Xylophone IS, ID, M w/pgm and mx with tlk
 on "guidance of the Holy Spirit". (Park-HI 3/15)
 9553 EQUATORIAL GUINEA R. Nacional, Bata 2140-2203* EG/SP, rel. tlk
 and choral mx, instr. NA, poor to fair. (Bobb-MN 3/30)
 9555 USA WYFR 0120 EG, "Family Radio Mailbag", //15170 (Park-HI 3/15)
 9560 ASCENSION BBC 1720 EG/PT, "African Quarterly Quiz", freq anmnt,
 into PT at 1744. (Park-HI 4/4)
 9560 ETHIOPIA V. of Ethiopia 1455-1505 AR/EG, AR mx, piano IS/1459,
 EG s/on and talk, poor w/QSB. (Buer-FL 4/5)
 9560 TURKEY V. of Turkey 2200 EG, OM w/news w/mostly Turkish affairs,
 ID at 2215, exc. signal. (Roberts 3/8)
 9565 RWANDA Deutsche Welle 0441 EG, rel. news, ID, "Africa in the
 German Press", also on 7225. QRM from VoFC 9555. (Park-HI 3/15)
 9570 S. KOREA R. Korea 1014 PT/SP, s/off in PT into SP, nx. (Park 3/15)
 9570 ROMANIA R. Bucharest 0225 EG, comments on education, inventors,
 youth hobbies. (Levison 3/10)

9580 AUSTRALIA R. Australia 1300-1315 EG, nx at 1300 into rock mx at 1310, excellent signal. (Burlaw-PA 3/15)

9580 AUSTRALIA R. Australia 1130-1500 EG, pgm on Australia w/historic buildings, fair signal. (Tomko 3/21)

9590 NETH. ANTILLES R. Nederland 0330 SP,music pgm.//6165.(Park 3/30)

9595 JAPAN RCI via NSB I 0830 JP, RCI IS with EG/FR ID's, program "Canada this Week". (Park-HI 3/14)

9595 JAPAN NSB 0905 JP, "English for Millions". (Park-HI 4/14)

9600 ASCENSION BBC 0349 EG, "Postmark Africa" mailbag show, ID and news at 0400, also on 6005. (Park-HI 3/15)

9605 PORTUGAL AWR 0622 Unid lang.,rel. bcast,EG ID at 0630(Field-MI)

9610 SEYCHELLES FEBBA 0351 SH, rel. pgm w/choral mx, ID/IS at sign off, also gave address. (Park-HI 3/15)

9610 AUSTRALIA Wanneroo (&WF) 1520, pgm of music and comedy, s/off at 1600 w/ID "6WF, Perth..", address, nx. (Roberts 3/14)

9615 S. AFRICA RSA 0209 EG, freq/address, pgm "Box 4559", also hrd on 6010, QRM from DW in SP on 9605. (Park-HI 3/15)

9615 S. AFRICA RSA 0200-0255 EG, South Africa Today, DX show with pgm on bushmen, good signal. (Tomko 3/30)

9625 CANADA CBC 0155 EG, variety show, pips at 0200 but no break for ID or news. RSA QRM 9615. (Park-HI 3/15)

9630 SPAIN REE 0130-0200 EG,tlk, mx, SP lang lesson. (Bonnet 4/8)

9630 SPAIN REE 0007 EG, news, "Sports Roundup", summary of the main events in Spain for week, SIO544. (Sampson-WI 3/15)

9635 SINGAPORE Radio 3, CH vocalists accompanied by piano, also on 6000 which was stronger 1505, 9635 putting out distorted spurs on 9617/9653. (Johson-CA 4/5)

9670 ENGLAND RCI (Daventry), 2030 EG, Listeners Corner w/letters, announced that 9670 is via UK xmitter. (Laskowski-IN 3/30)

9670 PORTUGAL RDP Sines 2324 PT,W ancr in PT,mx.ID/2325(Roberts 3/8)

9675 BELGIUM BRT 2352 EG, DX program. (Cook 4/5)

9680 AUSTRALIA 3AR via VLH9 *0830 EG, VLH9 ID,TC and back to show on Asian refugees. (Park-HI 3/15)

9680 MEXICO XEQ 1430-1530 mostly mx and news. (Field-MI)

9684 TANZANIA R. Freedom via RT 1847 EG, folk mx, usual anti-RSA tlk ID at 1858 "You have been listening to V. of the African Natl Congress of Tanzania", ANC anthem. (Park-HI 3/14)

9685 TURKEY V. of Turkey 0515-0540 EG, news and features into music program, fair to poor sig. (Jordan-PA 3/22)

9690 ARGENTINA RAE *0500-0520 SP, IS into external svc at 0500, OM w/news into music program. (Jordan-PA 3/11)

9690 ROMANIA R. Bucharest 2100-2130 EG, pgm "Romania at Home and in the World", average signal. (Tomko 3/15)

9695 BRAZIL R. Rio Mar 1121 PT. mx,tlk, ID, jingles. (Paszkiwicz 3/15)

9700 USA AFRTS Delano 1735 EG, b-ball tourny. (Park-HI 3/15)

9705 PORTUGAL R. Portugal 0325 EG, ID and music, poor. (Cook 4/5)

9710 USSR R. Moscow 0400 FR, IS/ID, sked, news. (Park-HI 3/30)

9735 PARAGUAY R. Nacional 1054 SP, OM w/ID at 1055, LAm music with QRM de RHC on 9730. SIO232 (Sampson-WI 3/29)

9735 PARAGUAY R. Nacional 2330, M ancr w/ID, ancmnts into pgm about armed forces contributions. (Roberts 3/8)

9740 CUBA R. Havana 0315-0330 EG, jazz music, cmntry. (Tomko 3/23)

9755 EGYPT R. Cairo 1250-1350 AR, Holy Koran readings, music with more readings, fair to good. (Jordan-PA 3/19)

9755 CANADA RCI 0124 EG, Hauser DX report on "SWL Digest", first hrd on 9755 in 6 months. (Park-HI 3/29)

9755 CANADA RCI 2300-2329 EG, DX pgm, exc signal. (Cook 4/5)

9780 YEMEN R. San'a 1646-1732 AR, tlk and mx, ID, fair (Rugg-QUE 4/4)

9790 FRANCE RFI 1111 EG, news.//11690,11670, exc signal. (Cook 4/5)

9800 FR. GUIANA RFI 0313 EG, mx, ID w/freqs including Quebec radio cable, news, //6055 (Park-HI 3/15)

9815 USA WCSN 0320-0328 EG, IS, "Monitor Forum", previews, IS w/ID at 0328, good signal. (Buer-FL 3/31)

9835 HUNGARY R. Budapest 0201 EG, new and cmntry. (Levison-PA 3/19)

9840 VIETNAM V. of Vietnam 1336 EG,nx.ID,cmntry.(Thunberg-PA 3/24)

9840 USA WCSN *0357-0405 EG, 8 note IS to 0400 s/on, intro for Christian Science Monitor, QRM Kuwait. (Buer-FL 3/31)

9840 GUAM KTWR 1520-1532, rel. program "Search for Truth", over V. of Vietnam IS, fair signal. (Kashiwabara-CA 4/4)

9845 SIBERIA R. Tikhii Okean 1941 RS, radio play,mx,nx(Park-HI 3/14)

9850 CHINA R. Beijing 1906 EG, news, pgm "News about China". ID into Press pgm. //6860; ex-9860 (Park-HI 3/14)

9851 UNID. 0041-0058 oldies pop music. 0047 cut off w/short silence followed by more mx. clobbered by WHRI at 0058, no ancmts heard. poss. pirate? poor sig w/deep fades. (Gavaras 3/29)

9870 N. MARIANAS KFBS 1802 RS, singing, M w/ann ". Radiostansiya KFBS, Saipan", Calif. address, rel. pgm. (Park-HI 3/21)

9870 SAUDI ARABIA BSK Saudi Arabia 2210 AR, Ar music w/ID at 2215 and 2230. OM w/tlk and news at 2230. (Laskowski-IN 3/12)

9870 ECUADOR HCJB 0230-0300 EG, DX Party Line, good. (Tomko 4/7)

9870 GUAM KTWK 1420-1458* CH(?), tlk and mx w/poss. IS at 1423, longs talks with s/off at 1458, weak. (Hollerman-AL 3/14)

9870 GUAM KTWK 1344 CC, rel. talks, choral mx. (Levison 3/8)

9875 IRAQ R. Baghdad 2030-2130 AR/EG, vocals, EG news at 2125, mentioned special bx of RB. (Paszkiewicz 3/28)

9875 IRAQ R. Baghdad 2100 EG, mx,nx.features,fair sig(Rhyne-NC 4/6)

9885 SWITZERLAND SRI 0215-0230 EG, news and cmntry. (Bonnet-IN 3/12)

9910 INDIA AIR 1915 AR, talks and music. (Park-HI 3/15)

9915 ENGLAND BBC 2205 EG, news, good signal. (Cook 4/5)

9930 N. KOREA R. Pyongyang 1902 KR,NA w/greeting,sked,nx(Park 3/14)

9940 CLAND. La Voz del Cid 1605-1640 SP, M&W ancrs w/cmntry, mentions of Cuba/El Salvador, cheering, patriotic mx.(Jordan-PA 3/20)

9940 CLAND. La Voz del Cid 1440 SP,anti-Castro cmntry,ID(Turner 3/11)

9950 SYRIA SARBS 0405 AR, W singing, M&W tlk, mx. (Park-HI 3/15)

9975 N. KOREA R. Pyongyang 1130-1134 EG, talk about scientists in the mid-ages, revolutionaries in US. (Snyder-NY 4/5)

10060 VIETNAM V. of Vietnam 1200-1230 presumed VT lang., talks and poss. news, lots of local mx w/vocals, poor. (Jordan-PA 3/12)

11490 CLAND. V.of Unity (reported here, no ID hrd) mostly talk in unid lang., s/off 1625. (Field-MI)

11602 ISRAEL IBA 1458 Hebrew, M anncr w/mention of freqs, ID, time signal at 1500, news. //11585 (Slagt-Aruba 2/14)

11635 CLAND. V. del Cid 1505 SP, LAm music,ID,time(Slagt-Aruba 2/14)

11745 BRAZIL R. Brasilia 0242-0245* EG, caught the s/off w/OM thanking studio crew, YL w/sked, address, strong. (Schipelliti-MA 3/18)

15560 NETHERLANDS R. Nederland 1142 EG, music and ID. (Snyder-NY 4/5)

Hope the Easter season was good for all. Lots of good reports this time. but details are still sketchy on some. Had a chance to review a new book from our distribution editor John Henault. The UTILITY QSL ADDRESS GUIDE provides great info for UTE hobbyists out there, if you are into this aspect of the hobby, I recommend this book! Won't be here next month but keep those logs coming and see you in two months time....73's. *JL*

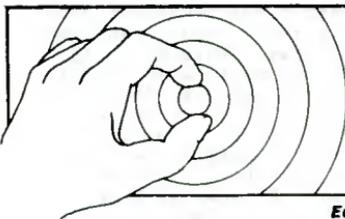


GILFER ASSOCIATES, INC

P.O. Box 239 52 Park Avenue Park Ridge, NJ 07656 USA 201-391-7887

GILFER SHORTWAVE's 2nd ANNUAL SWL-FEST/FLEA MARKET
 Saturday June 13, 9 am-3 pm, rain/shine. Shortwave only.
 Used equipment and special prices on new gear. All
 equipment will be on display and operational. Free
 admission for all visitors. Sellers: \$3.00 (tailgate
 only, bring own table). Reservation deadline: June 1st.
 LOCATION: GILFER SHORTWAVE, 52 Park Ave., Park Ridge, NJ
 07656.

For further information please call (201) 391-7887



LOG REPORT

section D

11700 and above

Editor: Wallace C. Traibel, 357 N.E. 149 St., Seattle, WA 98155

- 11700nf? GUAM(t) Believe K1WR Agana in Thai? 2355, tlks, freqs & Hong Kong address, organ mx, long pause from 2359 to 0004* (Park HI 3/29) ED: Hong Kong address points to K1WR according to WRTH. Can anyone else help ID this one?
- 11710 MOROCCO VOA relay Tangier in PL 1950, ID 2000, nx? (Laskowski IN 3/11)
- 11715 NETHERLANDS ANTILLES RNW relay in SP 2338, country & western mx (Park HI 3/29)
- 11720 BULGARIA R. Sofia in IT 1810-1830, ID, freqs, nx, tlks, folk mx (Bobb MN 3/23)
- 11750 RWANDA DW relay in GM 2159, IS from 2154, site ID, nx (Laskowski IN 3/12)
- 11775 ANTIGUA BBC relay in EG 1115, list of worldwide freq changes (Cook 4/5)
- 11780 NEW ZEALAND RNZ in EG 0405, cricket match & sports (Turner 3/13)
- 11785 SWEDEN RSI in EG 1400, nx, "Sweden Calling DX'ers", f (Sampson WI 3/10)
- 11788v INDONESIA RRI Jakarta in GM 1640, IN mx, into SP 1657, off reg freq by 2 khz, exc until SP xmsn, then drastic sig dropoff, beam change? (Kashiwabara CA 3/22)
- 11790nf CANADA RCI in EG 2110, nx, ID, not listed in WRTH '87, exc (Schulze, W. GERM.)
- 11790 ITALY RAI in IT 1607, soccer game Juventus vs. Milan (Slagt ARUBA)
- 11790 USSR R. Kiev in Ukrainian 2200, IS, ID, mx, cmtry, ment Weinberger (Laskowski IN)
- 11800 PORTUGAL RP in PT 1615, comments on Italian soccer matches (Slagt ARUBA)
- 11800nf? CANADA(t) R. Japan relay in EG 2315-0000*, "DX Corner", nx, exc (Bobb MN 3/29)
- 11815 NETHERLANDS ANTILLES TWR in EG 1150, relig pgms, f (Dillon MD 3/14, Cook 4/5)
- 11820 ASCENSION IS. BBC relay in EG 1556, site ID, world nx, f-p (Bobb MN 3/12)
- 11826 SOCIETY IS. R. Tahiti in TT 0312, island mx, dialogue (Tuchscherer WI 3/28)
0252 in FR/IT, FR pop mx, g (Rugg QUE) vocals, instrumentals 0040 (Jordan PA)
ED: WRTH '87 lists DW Malta on 11865 in JP during this time. Must have moved up.
- 11855 MALTA(p) DW relay in JP 1123, march mx, nx, opera, ID in GM, IS, f (Dillon MD)
- 11855 ALBANIA R. Tirana in EG 1141, world & local nx, exc (Schulze, W. GER. 3/8)
- 11862v VENEZUELA RN de Venezuela hrd widely in SP on diff freqs but appears at last report to have settled here. Rptd on 11849 from 3/26-28 but back on 11862 3/30.
(Schulze, Cobb ME, Levison PA, Rigas IL, Klein WI, Kashiwabara CA, Jordan PA)
- 11890 SPAIN REE in SP 1855, sports results during events on Sunday (Slagt ARUBA)
- 11940nf PARAGUAY R. Encarnacion in SP 2145, ID, noticias (Schulze W. GER. 3/16)
- 11940 INDIA AIR in EG 1815, cmtry on US-Japan trade war, ID, trad mx (Park HI 3/31)
- 11940 UNITED ARAB EMIRATES R. Dubai in AR/EG 1555, AR mx, ID, drama (Bobb MN 3/24)
- 11945 CANADA RCI in EG 2129, nx, "SWLERS Digest", f-p (Park HI 4/4)
- 11945 FINLAND RF in EG 1116, mailbag program, f-p (Cook 3/31)
- 11980nf GUAM KSDA Adventist World R. in lang(?) 1453, hymns, ID in EG (Tuchscherer WI)
- 11980 USSR RSP&P in EG *1630, IS 1628, ID & skeds, nx, mx bridge, p (Jordan PA 3/24)
- 12005 PAKISTAN(p) RP in Urdu 1900, several mentions of Pakistan (Slagt ARUBA)
- 13645 USSR R. Rodina in RS 2210, pgm for Soviet armed forces, ID, nx (Roberts MAN)
- 13700 USSR R. Moscow in lang 1230, variety of tlks, nx(?), IS, ID, mx (Jordan PA)
- 15010 VIETNAM VoV in EG 1900, ID's, nx, mailbag, VT mx, f (Kashiwabara CA 3/29)
- 15045 DOMINICAN REPUBLIC R. Discovery in SP/EG 2035, LA mx, ID, p (Turner 3/14) also in SP/EG 2245 w/relay of RTV Dominicana, "World in Review", vg (Buer FL 4/2)
- 15105 ANTIGUA DW relay in SP 2257, electronic mx, freqs, IS, ID, nx, p (Park HI 3/24)
- 15105 CHILE R. Nacional in SP 0202, f/o 0214, ID, then anthem(?) (Roberts MAN 3/28)
- 15110 INDIA AIR in EG 0103, cmtry on nuclear development, several ID's (Gerardi 3/25)
- 15115 ECUADOR HCJB Quito in EG 1503, "Johnny & Friends", ID 1518 (Hollerman AL 3/10)
- 15120 VATICAN STATE VR in Esperanto 2000 following Rosary pgm, vg (Wooten VA 3/9)
- 15130 BRAZIL R. Record in PT 2300, spec sports xmsn(?), no ID (Field MI 3/25)
- 15150 NEW ZEALAND RNZ in EG 1845, nx, mx, nice signal w/little fade (Witte CA 4/2)
- 15160 NORTH KOREA R. Pyongyang in KR 2200, skeds, nx, QRM R. Australia, p (Park HI)
- 15160 AUSTRALIA RA in FR/EG 0149, FR pop mx, ID's, IS, nx (Gerardi 3/25) in EG 2115 w/promo for "The Health Report", Roger Whittaker mx, g (Park HI 3/17)
- 15170 SOCIETY IS. R1VF Papeete in TT/FR 0331, long tlks, Sanyo/Ricoh ads (Kashiwabara) in FR 0312 w/Polynesian mx show (Gerardi 3/25)
- 15180 UNITED KINGDOM BBC in AR *1600-1700*, IS "Big Ben", ID, world nx, AR vocals & instrumentals, Lionel Richey w/"All Night Long", g (Jordan PA 3/27)
- 15185 PHILIPPINE IS. VOA relay in EG 2344, rpt on Oscar awards, p (Park HI 3/31)
- 15190 BRAZIL R. Incofinencia in PT 0331, pop mx, ads, singing ID (Sampson WI 3/26)
- 15200v BRAZIL RN de Amazonia in PT 2000, futbol in machine-gun style delivery, many ID, singing ads (Jordan PA 3/7) hrd on 15203 in PT 2120 w/nx stories (Buer FL 4/3)
- 15220 NORWAY RNI in NO, bilingual ID's 1701, freqs & nx in NO, f (Tutak WA 3/20)

- 15225nf USA WCSN Christian Network in EG 1700, test xmsn, sked info, req rpts to P.O. Box 860, Boston, Mass. 02123, f (Jordan PA 3/20, Gerardi ME 3/27)
- 15240 EAST GERMANY R. Berlin in EG 1558*, full ID at s/off, g (Cook PA 4/5)
- 15260 ASCENSION IS. BBC relay in EG 2036, feature on AIDS in UK, p (Park HI 4/4)
- 15270nf USA WCSN Christian Network in EG 1745, "Insight" to 1754 w/annmt of switch to Z1640 at 1800, HCJB takes over freq at 1755 (Buer FL 4/5) at 1600 w/"Monitor World Service News" (Tuchschere WI 3/31) at 1700 w/nx, Academy Awards, Pope's visit to L. Am., g (Sampson WI 3/30) ED: Apparently settled here for now.
- 15270 ECUADOR R. Nacional via HCJB in SP 1837, tlk, ID 1900, nx, f (Hollerman AL 3/10)
- 15295 ECUADOR HCJB Quito in SP 0030, pips, hymns & other relig mx, p (Park HI 3/11)
- 15310 NORWAY RNI in EG 1700, pgn re guitars made in Norway (Tonko NJ 3/15) in EG 1309 rock & jazz mx (Levison PA 3/21)
- 15315 NETHERLANDS ANTILLES RN relay in SP 2343, rock mx, DJ w/stn address (Park HI)
- 15320 AUSTRALIA RA in EG 0434, nx re Australia, g (Sampson WI 3/22)
- 15320 UNITED ARAB EMIRATES R. Dubai in EG 1600, mailbag pgn, mx (Cook PA 3/22)
- 15365 FRANCE RFI in FR 1435, various types and kinds of mx (Levison PA 3/10)
- 15385 ITALY RTV Italiana in lang(?) 1831, nx (Cook PA 3/14) ED: Lang probably Slovak.
- 15390 ASCENSION IS. BBC relay in EG 2315-2330*, "English by Radio" (Park HI 3/10)
- 15395 AUSTRALIA RA in EG 2154, mx by "Moving Pictures" & K. Rogers, ID (Park HI 3/25)
- 15400 FINLAND RF in EG 1200, "Northern Report", rpt on elections (Tonko NJ) in EG 1405 rpt on FN politics (Jones TX) in EG 1310-1325*, "Business News", f (Jordan PA)
- 15400 ASCENSION IS. BBC relay in EG 1659, "World Today", ID, IS, TC, g (Hollerman AL) in EG 1834, relig choir, f (Cook PA 3/14)
- 15414 BRAZIL R. Clube Ribeiro Preto in PT 2106, tlk, jingles (Paszkiwicz WI 3/22)
- 15435 FRANCE RFI in SP 1300-1315*, world & LA nx, ID, accordion mx, f-g (Jordan PA)
- 15435 SINGAPORE BBC relay in EG 2333, "Multitrack II", "BBC Top 20", p (Park HI 3/25)
- 15445 PHILIPPINE IS. FEBC in EG 0000, DX show, into pgn of rock mx (Johnson CA 3/15)
- 15520 USSR R. Moscow in Gujarati(p) *1230-1259*, ID, tlks, citar mx, f (Jordan PA)
- 15600 LIBERIA VOA relay in EG 1740, "Now Music USA" w/top 10 countdown, p (Park HI)
- 15650 NETHERLANDS ANTILLES RN relay in DT 2206, US style banjo mx, ID, p (Park HI)
- 15605 PAKISTAN RP in Urdu 1450, sub-cont songs, ID, TC, nx (Buer FL, Rigas IL 3/14)
- 16230 ALBANIA R. Tirana in CH 1320-1400*, rousing choral sels, tlks, ID (Jordan PA)
- 17635nf USSR R. Moscow in Hindi(?) 1228, IS, ID, world nx, f (Dillon MD 3/29)
- 17705 NEW ZEALAND RNZ in EG 0102, nx, wx, TC (Thunberg PA) in EG 0145, sports nx w/abrupt s/off (Gerardi ME) in EG 0030, live cricket match, wx break (Jordan PA)
- 17720 FRANCE RFI in FR 1245, jazz mx w/W DJ, "You Go To My Head", f (Dillon MD 3/29)
- 17755 JAPAN RJ in JP 2235-2300*, tlk, mx, ID 2257, f (Hollerman AL 3/29)
- 17755 BRAZIL R. Suriname via R. Bras in DT/EG 1700, nx, ID, QTH, g (Levison PA 3/19)
- 17780 SOUTH AFRICA RSA in EG 1429, ID, ezl mx, "Saturday RSA", tlks (Sampson WI 3/21)
- 17810 ANTIGUA DW relay in GM 2134, political tlks, IS, mx, f (Park HI 3/26) in GM 2045 to 2200*, lengthy tlks, ID 2100, national & world nx, mx sels, g (Jordan PA 3/7)
- 17815 SPAIN REE in SP 1818, local mx w/vocals, g (Levison PA 3/12)
- 17815 BRAZIL R. Cultura in PT 2326, ID, romantic ballads, f/o (Bobb MN 3/11)
- 17830 SWITZERLAND SRI in EG 1530, world nx, ID, "Dateline", exc (Cobb ME 4/6) nx 1530, "Grapevine" pgn, mailbag, comedy (Cook PA 4/5)
- 17875 SEYCHELLES FEBA in AR 1150-1200*, emotional tlk by M, organ mx, IS (Buer FL)
- 21590 SOUTH AFRICA RSA in EG 1440-1458*, nx magazine show "Africa Today" (Cobb ME)
- 21640nf USA WCSN Christian Network in EG *1800, IS, sked, "Monitor", nx (Thunberg PA) in EG 1825, 8 note IS at 1830 (Buer FL) in EG 1825, round table disc (Jordan PA)
- 21645nf EGYPT R. Cairo in AR 1700, "Big Ben" chimes & ID, nx(?), g (Buer FL 3/28)
- 21700 GABON R. Japan relay in JP 1618, tlk to 1625, song, ID, fade (Buer FL 3/28) in EG 1500, JP nx items, ID, freqy annmts, deep fades (Cobb ME 4/6)

 There were several loggings that were repeats of listings reported in Log D for April. Please remember that I do not list these again in the current issue. For a more complete update, refer to the April-May issues together. Thanks to those members who continue to send in their best catches during the month (and arrange them in frequency order.)

ANARCON '87

REGISTRATION FORM

for the 1987 ANNUAL CONVENTION of the Association of North American Radio Clubs, to be held July 16-19 at the Novotel Hotel in Mississauga, Ontario.

(Note: all prices are quoted in both Canadian and U.S. funds)

Please PRINT clearly the following information:

Name _____ Age Group Under 20 20-34 35-49 50-65 Over 65

Address _____

Telephone _____ Interests: SWBC MWBC Utilities FM/TV Ham PSB
 RTTY Longwave Other _____

Club Affiliations (if any) _____

Date and approximate time of arrival (if known) _____ AM PM
Mode of travel: Car Plane Train Bus

(Instructions for reaching the hotel will be mailed as part of your confirmation package.)

HOTEL ACCOMMODATION: A special rate of \$62.00 (Canadian) (\$47.00 U.S.) per room per night (Single or Double occupancy) has been guaranteed for the nights of July 16-19 inclusive. For subsequent nights a rate of \$74.00 (Canadian) per night will apply. A limited number of cots are available if three people wish to share a room; the extra charge is \$15.00 Canadian (\$12.00 U.S.) per night.

I require accommodation for the nights of: JULY 16 17 18 19

Additional Nights required _____ Do you plan to share a room with someone who is registering separately? Yes No

If so, please state the name(s) of the person(s) with whom you plan to share: _____

Check here if you are willing to share a room and you would like us to match you with someone in a similar position. (Please send a deposit at the single person rate, a credit will be made if we match you with someone. We will do our best, but cannot promise that a match will be made).

BANQUET Will you or any family members attend the Saturday evening banquet? Yes No

Names of those attending (including yourself) _____

If you require a special diet, please specify: _____
(Formal Attire - Jacket and Tie please)

HANDICAPPED ATTENDEES Will you require assistance or special facilities? Yes No

If so, please specify: _____

DEPOSIT Please include whichever of the following apply to you.

CONVENTION REGISTRATION FEE:

\$25.00 Canadian (\$19.00 U.S.) per person
\$35.00 Canadian (\$27.00 U.S.) family rate

\$ _____

BANQUET FEE:

\$25.00 Canadian (\$19.00 U.S.) per person

\$ _____

HOTEL ACCOMMODATION:

(first night only, balance payable at checkout)
\$62.00 Canadian (\$47.00 U.S.)

\$ _____

TOTAL DEPOSIT

\$ _____

Please make Money Orders, Bank Drafts or Personal Cheques (the letter from Canada and U.S.A. only) payable to the ANARC CONVENTION COMMITTEE, at the following address:

BOX 232, POSTAL STATION "Z"
TORONTO, ONTARIO
CANADA M5N 2Z4

ANY QUESTIONS MAY BE ADDRESSED AS FOLLOWS:

ANARC CONVENTION COMMITTEE
BOX 232, POSTAL STATION "Z"
TORONTO, ONTARIO
CANADA M5N 2Z4

Please allow 2-3 weeks for your confirmation to reach you

Deadline for registration: _____

JUNE 26, 1987

(Registrations must be RECEIVED by this date to guarantee hotel accommodation)

THANK YOU FOR YOUR INTEREST — SEE YOU IN JULY!

IF YOU REQUIRE ACCOMMODATION, PLEASE FILL OUT THE FOLLOWING FOR USE BY THE HOTEL:

NAME _____

ADDRESS _____

DATE OF ARRIVAL _____

DATE OF DEPARTURE _____

NASWA

"UNITY AND FRIENDSHIP"
PUBLISHES *FRENDX* MONTHLY

NASWA MEMBERSHIP FEES:

First Class North America	\$16.00
Overseas - Surface Mail	\$16.00
Airmail to Central America, Caribbean, South America and Europe	\$25.00
Airmail to Asia, Africa and the Pacific	\$28.00

All remittances must be in U.S. funds and mailed to:
NASWA, 45 Wildflower Road, Levittown, PA 19057, U.S.A.

DXtra

Besides *FRENDX*, NASWA also publishes *DXtra* . . . a mid-month newsletter with the very latest DX news while it's still news. It is available only to NASWA members:

DXtra SUBSCRIPTION RATES PER YEAR:

North America (First Class)	\$4.00
Overseas (Airmail)	\$6.00

Sample copies of *FRENDX* and *DXtra* are available for:

North America	\$1.00
Overseas	\$2.00

EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057

SHORTWAVE CENTER - NASWA Headquarters

LISTENERS NOTEBOOK - Glenn Hauser, Box 490756, Ft. Lauderdale, FL 33349

OSL REPORTS - Sam Barto, 47 Prospect Place, Bristol, CT 06010

DXTRA - Bob Hill, 71 Beach St., Sharon, MA 02067

DISTRIBUTING EDITOR - John F. Henault, 55 Lincoln St., Abington, MA 02351

LOG REPORT A - Mike Harris, P.O. Box 264, Grove City, OH 43123

LOG REPORT B - Jerry Berg, 38 Eastern Ave., Lexington, MA 02173

LOG REPORT C - Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004

LOG REPORT D - Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

SCOREBOARD - Jerry Lineback, 115 Wroxton, Conroe, TX 77304

AWARDS PROGRAM CHAIRMAN - John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

COUNTRY LIST CHAIRMAN - Don Jensen, 5204 70th Street, Kenosha, WI 53140

U.K. REP. - Alan Thompson, 16 Ena Ave., Neath, W. Glamorgan, Great Britain SA11 1AD

NORTH AMERICAN SHORTWAVE ASSOCIATION

45 Wildflower Road

Levittown, Pennsylvania 19057

FIRST CLASS MAIL

FIRST CLASS MAIL

U.S. POSTAGE

PAID

Levittown, PA

Permit No. 319