

# FRENDX



ÖSTERREICHISCHER RUNDFUNK  
Short Wave Service  
RADIO AUSTRIA INTERNATIONAL

ORF

2.3.1986 - 4.5.1986

Area	Time UTC	Frequency kHz	Wavelength	Antenna	Power kW
Europe	0400-0500	6155	48,74	HQ/ND	100
	0500-0800	6155	48,74	HQ/ND	300
	0800-0900	6155	48,74	HQ/ND	100
	0900-1100	6155	48,74	HQ/ND	300
	1100-1700	6155	48,74	HQ/ND	100
	1700-1800	6155	48,74	HQ/ND	500/SSE
	0500-1800	6000	50,00	VER/ND	10
	1800-2300	6000	50,00	VER/ND	50
	1800-2300	5945	50,46	HQ/ND	100
	Europe North	0800-1000	11945	25,12	LPH/350°
1300-1400		11925	25,16	LPH/350°	100
Europe East	1200-1300	11925	25,16	LPH/60°	100
	1900-2000	6155	48,74	LPH/60°	100
Europe S.E.	0400-0600	5945	50,46	LPH/140°	100
Europe S.W.	1000-1200	15330	19,57	LPH/140°	100
	0600-0800	9685	30,98	LPH/230°	100
	1400-1700	12015	24,97	LPH/230°	100
	2000-2100	6155	48,74	LPH/230°	100
	0100-0500	6155	48,74	HR/310°	500
North America	1200-1300	15320	19,58	HRS/295°	100
North America E.	0500-0700	5945	50,46	HR/325°	100
North America W.	0200-0400	9580	31,32	RHO/270°	100
Central America	0200-0400	11660	25,73	HRS/275°	100
South America	0100-0200	11660	25,73	HRS/235°	100
	2200-0100	9760	30,74	HR/240°	500
South America E.	0000-0200	9760	30,74	RHO/236°	100
Africa East	1700-1900	9725	30,85	LPH/140°	100
Africa South	1800-2000	9725	30,85	HR/170°	300
	2000-2200	9590	31,28	HR/170°	300
	2100-2300	9670	31,02	LPH/230°	100
Africa W./S.W.Europe	0400-0600	11830	25,36	HRS/115°	100
Near East	0600-0800	15410	19,47	HRS/115°	100
	1700-2000	11670	25,71	HRS/115°	100
S.Asia/S.E.Asia	1500-1700	9600	31,25	HR/95°	500
Australasia	0800-0900	11840 L.R.	25,34	HR/265°	500
		15410 L.R.	19,47	HRS/265°	100
East Asia	1100-1300	15430	19,44	HR/85°	500
	1300-1500	9665	31,04	HR/50°	500
		11935	25,14	HRS/55°	100

Station MOOSBRUNN 16°28'E/48°00'N

1x500/300 kW  
3x100 kW  
1x100/ 50 kW  
1x 10 kW

ND = omnidirectional  
VER = vertical cage  
HQ = horizontal quadrant  
LPH = log. per. horiz.  
RHO = rhombus  
HR = curtain turnable  
HRS = curtain slewing

AUSTRIAN RADIO  
Technical Department  
P.O.Box 200  
A-1043 Vienna  
A U S T R I A

**MIAMI VALLEY DX CLUB  
4666 Larkhall Lane  
Columbus, OH 43229**

**P R E S S   R E L E A S E**

The Miami Valley DX Club is proud to present its Fourth Annual SWL-DX-LISTENER FORUM at the Dayton Hamvention on April 27, 1986. This year the All Ohio Scanner Club (AOSC) will for the first time be co-sponsoring the event.

Guest speakers at the 1986 forum include:

\*\*\* Fred Osterman of Universal Shortwave Radio, who will discuss "Sounds heard on Shortwave."

\*\*\* Chuck Gysi, the "Scanner Scene" editor for Popular Communications Magazine. Mr. Gysi will talk about "The Future of VHF/UHF Monitoring."

\*\*\* Darryl Symington, AOSC's "Below 30 MHZ" Column Editor, who will discuss "Listening to and QSLing the Marine Band."

\*\*\* Fred Vobbe, the AOSC's "Tech Talk" Column Editor whose topic will be "Shortwave Broadcast Monitoring."

The Dayton Hamvention has become the largest hamfest in the western hemisphere, covering several floors of equipment display space indoors at the Hara Arena, and covering several acres of outside flea market as well.

This year's Hamvention will be held from Friday through Sunday, April 25 through April 27.

The Listener's Forum will begin Sunday morning about 9:30 EDT and last approximately two hours.

Any questions about the Forum can be directed to Dave Hammer of the MIAMI VALLEY DX CLUB, 4666 Larkhall Lane, Columbus OH 43229. Phone: (614) 471 9973 (evenings)

This is an all band event that should be of interest to all SWLs, DXers and other communications enthusiasts.

*MUDXC - serving the DX community since 1973*

# CONTACT

Editor: Stephen G. Moye, 178 Bartlett Ave., Cranston, RI 02905 Phone: (401) 941-6497

Gerry Bishop's interesting notion about supplying a worthy country/group with a SW transmitter continues to draw attention in the form of some very thought-provoking letters. You may remember that last month Dan Sheedy raised a number of issues that seemed to cast grave doubts on the wisdom/utility of the venture. Two letters this month take a more positive view of the matter while at the same time taking cognizance of Dan's criticisms. First, a letter from Don Moore (Glendale Heights, Illinois):

[...]With some further refining the idea could still bear fruit.

First off, forget such exotic, almost unpopulated spots as Tristan and Pitcairn. Dan is perfectly right in bringing up such points as who pays for electricity, and station schedules not matching with propagation to North America. Can we really ask an island of fifty people to run a DX station for us? Instead, let's focus on well populated places such as Barbados, Jamaica, The Caymans, St. Kitts, etc.

The advantages of using the Caribbean, at least initially, are many. Existing stations, such as Radio ZIZ on St. Kitts, obviously must already have competent technical people to deal with any problems that may arise with the shortwave transmitter. Studio equipment is obviously already there. All they need to do is to relay the domestic service. (If someone at the station wants to produce a special international program once or twice a week, all the better.) Antenna costs shouldn't be much. I've visited many Latin American stations that get out quite well with a simple and inexpensive dipole. As far as the electric bills are concerned, these stations already run hefty medium wave transmitters. The increased power consumption from a low-power SW transmitter would barely be noticeable, especially since the SW service would run only a few hours a day. Another advantage of the Caribbean is that a lower power transmitter could be donated: 250 watts, or even 100 watts, from Jamaica will be better heard in North America than 500 watts from Tristan--given a clear frequency.

One thing I do see causing a problem is QSLing. The station would be inundated with reception reports, at least for the first year. If we are going to give them a transmitter, why not set-up a QSL bureau that will facilitate QSLing with the least possible hassle for the station? Reports would have to be sent to the bureau to be verified. The bureau would check the reports and fill out the QSLs. The QSLs would then be forwarded to the station where they would simply need to be signed, stamped, and dropped in the mailbox. Any reports the bureau felt unsure about could be sent to the station for further checking.

As to the cost of the transmitter, it is certainly not out of our range. I find it hard to believe that the many pirates who use 100, 200, etc. watts of power are shelling out thousands of dollars for their equipment. Obviously, there are cheap transmitters out there. A Ham transmitter would do -- we don't need hi-fi, nice as that would be. Getting the transmitter to its destination would be a problem, however. Do you trust the mails? How expensive is air cargo? Is there anyone planning a vacation trip to Barbados who wouldn't mind carrying a transmitter in their luggage? If we're dealing with a government-run station custom duties shouldn't be a problem. But if it's a private commercial or religious station, someone might have to pay duty.

Anyway, I think this can work. I've seen enough little radio stations in Northern Peru [please! tell us about them!--sgm] to know that it's not all that hard. In one case, a homemade 50 watt transmitter, a turntable, a microphone, and a dipole on the roof -- plus a rickety wooden table and a dirt floor. Donating a transmitter to an established broadcaster would be a piece of cake by comparison. Anyone out there willing to head a committee to start looking into the cost of a possible transmitter and to start contacting possible recipients?

Let's move right on to a letter from John H. Bryant (Oklahoma) which is in many respects complementary to Don Moore's letter:

Another salvo in the "give 'em a XMTR" story:

Good for Dan Sheedy -- "Scrooge-like comments" do help clear the mind and refine the idea. First, though, Sheedy seems to have missed the whole point of Bishops's idea. The point, as I understand it, is to find a currently non-SW country which needs a SW station for their own purposes, and then help them set it up. We would ask them to do some part of their broadcast week when their signal would propagate to NA/Eu/Ja, and ask them to undertake to respond to all correct reports which include adequate return postage.

As to Sheedy's concern about insulting folks to whom we might make the offer, I think Dan's being oversensitive. If we approach the folks in a helpful, respectful way -- not as 'Big Brothers' -- there should be no hurt feelings. I've been on the other side of the question -- I was a civilian 'snake-eater' for a while. There were occasions when we would have hocked half the island for a decent, small SWBC transmitter.

As for studio and antenna -- some of our Central American missionary friends put out a pretty decent signal with a  $\frac{1}{2}$ -wave wire dipole and a very primitive (by our standards) studio.

Repair of equipment would be a problem, but rather more easily overcome than you might expect. [Presumably, a resident Ham could oversee maintenance; then again, if a SW XMTR were given to an existing MW station, many problems to do with repair and maintenance would disappear or rendered less important.--sgm]

Dan makes an excellent point about some of the countries mentioned obviously not needing SWBC capability for internal needs. In all likelihood, Pitcairn and Christmas Islands have no internal need, so we ought to strike them from the list. However, Palau, as a scattered island group, may not be decently served by their single MW transmitter. I'd rather let them tell us what they do and don't need. There ought to be other island groups in the Kiribati or PNG situation.

All in all, though, there seems not to be the groundswell of interest [well, I dunno -- you wrote, didn't you?--sgm] for this that Bishop hoped for... so shall we forget it? Anybody out there interested?

I was doing fine until I got to that last paragraph. In fact, Bishops idea has generated more mail than almost any other single topic -- but do keep the letters coming: we need your ideas too. I think that it is possible to bring the above two excellent letters together to form an interesting synthesis. The recipient of a SWBC XMTR should be an already-established MW broadcaster in a region that would have a genuine need for the particular advantages of SW broadcasting. MW stations probably would not have a great deal of experience with, or interest in, QSLs (nor are they likely to have the staff to handle this work), so a QSL bureau would be set-up to take care of as much of the work as possible. We attach as few strings as possible to the donation, with the principal requirement being that the station undertake a maintenance program; further when/where propagation permits, some portion of the broadcast day should be receivable in selected target areas. Did I miss anything?

One more interesting point in all this. I received a nice telephone call from Jim Conrad (Waterloo, Iowa) with reference to the price quoted in last month's CONTACT for a 1 kilowatt transmitter -- \$250,000. Jim pointed out that this might just possibly be the case is the XMTR were hand-crafted of platinum and gold -- solid, you understand. In fact, he thought that rather less than one tenth that figure would be a very generous upper estimate for the total cost of everything: transmitter, a simple studio, antenna, etc. Even though I suspected that this was the case, I must say that I was considerably relieved to have my suspicions confirmed. Jim has considerable experience in international broadcasting, and you may know him from his work with KCBI.

I received two other letters this month. Emily Bershad (Freehold, New Jersey) wrote inquiring about a problem she's having when she tries to record directly off her Panasonic RF-3100. Tom Giella (League City, Texas) sent a wonderful letter detailing his shack, and how he arrived at his choices for materials and organization. As these are essentially technical items in nature, and as we have a fine TECHNICAL TOPICS editor, I have forwarded these letters to him. Emily

was good enough to mention that she had written to her Representatives and Senators about the 'Electronic Communications Privacy Act of 1985.' Excellent! I hope that you have done the same thing, and that you will let us know the response that you get.

## \$\$\$ CONTACT NOTES \$\$\$

My thanks to Fred Osterman of Universal Shortwave, 1280 Aida Drive, Reynoldsburg, Ohio, 43068; phone (614) 866-4267 for sending the new catalogue. Whew! All those goodies! The catalogue lists a very large number of receivers, antennas (and associated equipment), RTTY-CW demodulators and just about anything else you could think of. The format is very clear and uncluttered which only serves to make the offerings even more tempting. Now where did I hide that VISA...

A useful bibliographic P.S. to John Bryant's letter: "I just read Gerry Dexter's Secrets of QSLing. I thought, as a DXer/QSLer since 1953, that no one could teach an old dog new tricks. BOY WAS I WRONG. No wonder that guy has so many QSLs that I can't get. WOW. Highly recommended!" The full title is Secrets of Successful QSLing and it is available from: Tiare Publications, P.O. Box 493, Lake Geneva, Wisconsin 53147. The cost is \$9.95 + 1\$ s/h (domestic) or \$2 s/h (foreign). U.S. funds only.

A word (two, actually) to those who have requested the MUF paper/equations: please wait. Extensive revisions of the original edition have taken more time than I had anticipated. As soon as it's ready I send it out. I am aiming for mid-April to have everything ready for mailing. I will also send a revised edition to those to whom I sent the original.

Those who were listening to Radio Nederlands Wereldroep MEDIA NETWORK on 20 March heard the interesting news that MONITORING TIMES from Grove Enterprises, and INTERNATIONAL RADIO from Miller publishing are shortly to merge into one publication. This should certainly become a very valuable source of monthly frequency information. As I have promised, in the not too distant future I will assemble information on periodical sources of frequency information, and discuss them here.

In my first column, I made the point that it was, at least in part, the dismal quality of American radio that drove me (and, I suspect, many others) to SW. There is, however, some hope for better things. Not long ago I ran across a superb program on CBS Radio -- Newsmark (I'm not sure of the spelling -- I haven't seen it listed), broadcast locally by WEEI Boston. It is a solid half-hour of radio in which a reporter takes a topic and examines it in detail. Not long ago Charles Kuralt looked at lighthouses and their keepers -- both endangered species -- in an evocative program. Recently I heard an excellent program on the state of Unions in the United States. The production is very fine and the guest reporters are always very interesting. I strongly suggest that you make the effort to look for this wonderful program. It may not be easy, though. WEEI broadcasts the program at 5:30 AM local time on Sunday. The easiest thing to do would be to call your local CBS affiliate. This is certainly a program which suffers in

no way in comparison with the best such programming on the BBC, and is cause for wild rejoicing.

That's about it for this time. We are in need of discussion topics -- programming, broadcast legalities, radio heard in travel abroad -- this is the sort of topic that CONTACT thrives on. So, unlimber the writing hand and break forth into print. In the meantime, many thanks to writers and readers, and good listening. 73-



# Easy Listening

Editor: Alex Batman, 4636 Alvin Dark, Apt. 2, Baton Rouge, LA 70820

Last month I received a post card from Peter Dillon asking if I would list the foreign language courses available on shortwave. Not only did I appreciate the suggestion, I wanted to go him one better and review these language programs. But when the idea of devoting a special column to a review of language programs, I thought I would have to dismiss it out of sheer numbers. And then I started looking around and found that there are actually only a few, a fact that surprised me. If you feel, as Peter and I do, that these language courses are one of the most useful things about shortwave radio, it might not hurt to write some of the international broadcasters and request more of them.

"Auf Deutsch Gegast (Said in German)" (Deutsche Welle at 0135 on 6040/6085/6145/9545/9565, at 0335 on 6185/9545/9565/9640/9735, and at 0535 on 5960/6120/6130/9690--Saturdays). This program is currently finishing up a repeat of text book three and ready to start a new series in textbook four. The text itself seems designed to eliminate the need for much background in German from the other three courses, and it has translations of all texts in the back, a grammar section, but no glossary. The scenario continues the adventures of the five friends from Kiel now that they are Prien. When broadcast, the text is broken down into sentences and translated with notations of special problems. At the end of the program the dialogue is read straight through in German. Every third week is a specific review of grammar.

"Dutch by Radio" (Radio Nederlands at 0205 on 6020/9895, at 0305 on 6165/9590, and at 0605 on 6165/9715--Tuesday). Not only does this course have a textbook, but it also has a cassette on which the dialogues and reading texts are spoken in Dutch for more help with pronunciation. The program was first broadcast from last April to October, and it turned out to be so popular that Radio Nederlands rebroadcast it beginning in January. At the moment they are on lesson 9 (March 18) out of twenty-six. Supplies of books and cassettes, however, are rather low right now. I'm hoping that when this rebroadcast ends, Radio Nederlands will decide to continue the series with a sequel to the twenty-six lessons of book one. When broadcast, the series always begins with the feature "Did You Know?" (facts about life in the Netherlands), and ends with an interview with an ordinary Dutch citizen (in English). I hope they do decide to continue with this; I rather miss Meneer and Mevrouw Bakker, their zoon Jaap and their dochter Lucie.

"Easy Hebrew" (Kol Israel at 2300 on 9435/7410/5885--Daily). Although technically not a program for learners, this is basically the same idea as the VOA's "Easy English". The Hebrew is just pronounced more slowly and distinctly. You have to have a good background in Hebrew already.

"Learn Chinese" (Radio Beijing at 1145 on 9820, at 1245 on 9820/9640 and at 0045 on 9820/11685 --Monday and repeated on Wednesday). I don't know too much about this one since I've only been able to hear it once. There is a text available and on March 17, the program was Lesson 11, Part I (of six parts). This lesson was "Phrases for Tourists" and featured the days of the week and the names of the month in Chinese.

"Learn Spanish: A Language without Bounds" (Spanish Foreign Radio at 0050, 0150, and 0550 on 9630/6055--Monday through Friday). As of March 12, Lesson 43 was being broadcast, a dialogue between Carlos and Ricardo, read in Spanish but without English translation. The second part of the program is about Spanish Grammar, explained first in Spanish, then in English. Although I'm not certain, I believe there is a text for this course available from Spanish Foreign Radio. The program would otherwise be very difficult to follow.

"Let's Learn Chinese" (Voice of Free China at 0245 and 0345 on 5985/6065 and at 0745 on 5985--Daily, but be careful. The 0345 broadcast on one night is a repeat of the 0245 and 0745 broadcast of the night before). This program is broken up by days. Wednesday night is the beginners' course, just starting a new series and on about Lesson 4 by March 26. Mondays and Thursdays is intermediate Chinese, and Tuesdays and Fridays is Advanced Chinese. Saturday night is Chinese pronunciation. There are texts available at all levels, but I found the first lesson of elementary Chinese so clearly and carefully presented that a text was not even needed, though it would have been handy for later reference.

"Let's Learn Japanese" (Radio Japan at 1335 on 5990--Tuesdays and Fridays). Technically there are two courses here: "Let's Learn Japanese" on Tuesdays, which has a text published tri-monthly (just about ready now to start on a new one for April-May-June), and "Let's Practice Japanese" on Fridays, which has a text published every two months. Other than the difference in texts, I can't really tell one program from the other; both are dialogues read in Japanese and then in English, then broken down by sentences. Considering that Japanese is so different from English structurally, I think Radio Japan should do a bit more with grammar; otherwise this program is very hard for a beginner in Japanese to follow.

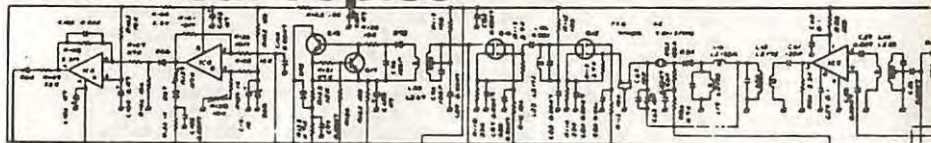
"Let's Learn Korean" (Radio Korea at 1440 on 9750, 0240 on 1818/15575, and 0440 on 9570--Monday through Friday). Again, I've only heard this program one time, but I believe there is a text available from Radio Korea. The edition I heard featured sentences read two or three times in Korean and then once in English. There seemed to be no analysis of the language itself.

"Let's Speak Latin" (Vatican Radio at 0050 on 6015/9605/11845--Friday). This program varies four times a month. The first Friday of the month is elementary Latin: a dialogue between Publius and Claudia, two Christian Roman teenagers, about life in the catacombs. The second and third Fridays are intermediate Latin. The second Friday has brief excerpts from the War Commentaries of Caesar including descriptions of battles, analysis of Caesar's leadership skills, and number of dead barbarians; the third week is excerpts from the Orations of Cicero and includes rhetorical analysis. The fourth week is advanced Latin, features excerpts from the Aeniad, and includes analysis of Latin scansion and epic form. All weeks have structured exercises at the end of the text, which is unfortunately out of print at the moment. The fifth Friday, should there be one, is a discussion of the role of Latin in the Church Today.

"Russian by Radio" (Radio Moscow at 1930 on 11840--Saturday. At 0030, 0330, 0930, and 1630 Sunday on various World Service frequencies). This program is almost impossible to follow without the text from Radio Moscow (which includes written exercises that Radio Moscow will correct for you if you send them in). The program is currently featuring a series called "Spoken Russian", on Lesson 5 as of March 22. It is a general collection of features, such as dialogues, Russian songs, and even a radio play in which the listeners are assigned lines in Russian (they even pause during the play to give you time to say your line). It actually sounds quite good, but without the text I was completely lost and the program was useless for learning Russian.

As a final note I wanted to let readers know (those who don't know already) that Radio Canada International's "Shortwave Listeners' Digest" now has a phone-in program every fourth Sunday of the month. Actually the phone-ins are done in advance and the tape played on Sunday night. Numbers to call are: 1-514-285-3545 and 1-514-285-3547; unfortunately they have not decided a definite time that will consistently be the time to call in (once, I know, it was on a Saturday afternoon before the broadcast that Sunday). When they do decide a permanent time, it--as well as any other ad hoc arrangements--will be announced during a regular edition of "SWL Digest". The title of this new feature is "Forum", and RCI is right now looking for topics of discussion and suggestions as to what direction the program should take.

# Technical Topics



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

## THE CHALLENGE OF DXING or APRIL FOOLISHNESS

Never let it be said that Radio Shack is one to let the grass grow under their feet. After ten years, RS has discontinued their SCIENCE FAIR electronic project kit #28-110 The Three Transistor Short Wave Radio. This little miracle of communications engineering offered regenerative tuning and push in terminal construction for soldaferrophobics (the fear of soldering irons). When coupled with the Science Fair 100 khz Frequency Standard Cat.# 28-140 you could be DXing with the best of them, drawing in such exotic stations as BBC, WOA, Radio Moscow, etc. Some fun hey kids!

No, Radio Shack felt the need to bring these little gems into the eighties, (or at least the 70's). In an effort to keep all our readship aware of the latest in technology we have contacted no less an authority than BABA RAM GRID BIAS to present a review of Radio Shack's latest offerings. We must note that there is no truth to the rumor that the reason BABA went off to the mountains of Tibet to meditate was that he was chief design engineer on the Radio Shack DX-300.

## THE RADIO SHACK AM SHORTWAVE RADIO KIT by BABA RAM GRID BIAS

Greetings my children. I thank young Dial Twister for this chance to address you on this latest of Radio Shacks entries into the DX field. This Science Fair Kit part# 28-176 is vastly improved over the previous #28-110 kit. Gone is the regenerative tuning and added are improved coil forms and springy thingy connector. The case itself is a vast improvement over the old style P-Box construction. Now instead of a breadboard you felt compelled to hide in a drawer, there is a fine console complete with miniature world map that will make a breathtaking display on any DXer's desk.

The AMSWRK, as we serious DXers call it, tune in the world on three bands. 520-1625 Khz, 5.5-10 Mhz, 9-16 Mhz. The kit contains everything the serious Dxer will need to begin filling his or her log books with exotic catches from the four corners of the globe. The kit even includes its own high impedance earphone. Its self contained 2 "AA" cell power supply makes it ideal for the traveling SWL. I am sure some of our more creative users will come up with a way to modify this kit into short waves first "walkman".

The AMSWRK is just one of six radio kit's that Radio Shack makes for DXer's who want to "Roll Their Own". But at \$12.95 it represents the Top of the Line along with RS's 5-Transistor AM Radio Kit.

The serious builder will give strong consideration to all of the Radio Shack Radio Kits.

#28-176	AM Shortwave Radio Kit	\$12.95
#28-253	5-Transistor AM Radio Kit	\$12.95
#28-175	AM/FM Radio Kit	\$12.95
#28-221	VHF Radio Kit	\$9.95
#28-229	2-Transistor AM Radio Kit	\$6.95
	and for all you purists out there who are looking for the ultimate DX challenge	
#28-219	Crystal AM Radio Kit	\$4.95

With this line up of quality communications gear it is clear that Radio Shack is sending a message to the world that radio is the way to go. And with their new Radio Shack/Citiline Card Credit Line even these rather expensive pieces are made affordable to the less well off DXer.

Well it is time for me to go out on the mountain top and contemplate the frequency schedule of Radio Earth. Farewell for now my children.

ALL KIDDING ASIDE DEPARTMENT. Well now it looks like BABA has had a little April fun with the Radio Shack folks. Before BILL OLIVER busts a blood vessle let me assure everyone, including Radio Shack, that all the above mentioned kits are really fine projects for anyone trying to understand how radio works. As my son becomes more inquisitive I hope to let him try his hand at many of Radio Shack's Science Fair kits. I must confess that while I was in college I had a great deal of fun playing with the old #28-110 Three Transistor Short Wave Radio. I think I paid \$6.00 for it on a "Where is as is" sale. Using tin-foil on two walls as an antenna, I logged forty or so stations. That works out to 15¢ per contact. I know some folks with h-71sthat are swaeting out fifty contacts, mostly due to poor listening habits. One of the things my Science Fair kit taught me was how to listen strategically, taking best advantage of band conditions. Also the regenerative circuitry of this kit allowed me to sneak up on some stations using the tuning to block out interference. It was no h-390 but I had fun and thats the important thing.

So thank you for being part of our April Foolishness, Radio Shack and thank you for providing kits to bring about the next generation of DXers. Keep those cards and letters coming folks!

73.

*Skip*  
WB2GHA

P.S. This is to inform the American Psychiatric Association that I do hearby proclaim myself the discoverer of the terrible syndrom of fear of soldering irons. Further I state that I alone am author of the terms Soldaferrophobia and Soldaferrophobic as applied to this horrible form of mental illness. Therefor, let the accolades pour forth in my general direction. No doubt in future columns you will be hearing about where to contribute to the Soldaferrophobia Foundation so that we may conquer this terrible disease that turns hearty experimenting DXers into appliance operating drones.

P.P.S. This is not to be confused with my plan to market Schrödinger's catnip!

# NASWA Awards Program

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

Congratulations go out to the following folks who earned NASWA Awards during the month of February 1986:

Gerry DEXTER, Lake Geneva, WI: Master Radio Moscow DXer; Australian DXer  
Ray FORSGREN, Chippewa Falls, WI: North American Continental DXer; Senior Ecclesiastic DXer  
Donald F. JONES, Berea, OH: North American Continental DXer  
Kevin KLEIN, Appleton, WI: World Wide DXer  
Donna ROBINSON, Willow Springs, IL: World Wide DXer  
Thomas V. ROSS, Lyons, IL: Ecclesiastic DXer  
Gary STONE, Spokane, WA: Australian DXer  
John R. TOW, Pinson, AL: Senior DX Centurian; South American Continental DXer  
Gayle VAN HORN, Orange Park, FL: Arab World DXer  
John WILKINS, Wheat Ridge, CO: Master Indonesian DXer

\*\*\*\* Kap's Komments \*\*\*\*

Interesting to note that 50% of our Award recipients this month come from 4% of the States, Illinois and Wisconsin. And, alas, not a soul from the Great Northeast, where the temperature is -6 one day and 55 two days later.

A reminder, lists of countries eligible for the Arab and British Commonwealth Awards are available for SASE, IRC overseas.

Some suggestions that have come along and I'd like to pass on: Radio Havana, Cuba takes between 3 and 6 months to QSL, for a "quickie" Cuba QSL go the Radio Moscow route. For 'full data' England and Ascension Islands cards the Voice of America works quite well. Chile has long been a thorn in a lot of folks' side, here's an address that should work for Radio Nacional as well as well as Radio Agricultura: Carlos Toledo Verdugo; Casilla 166; San Fernando VI Region; CHILE. At least 2 IRC or appropriate mint stamps are needed. Also, a local postcard would be a nice gesture.

I'm still trying to complete my personal collection of Polskie Radio's (now Radio Polonia) set of "Herby Miast Polskich" pennants. These were issued until about 4 years ago. I'll either trade 3 IRC or pay \$2.00 for each one you send along.

It's been a few months since we ran a contest, so here goes. 2 First Prizes, one for North America and one for the rest of the World. Choice of 3 IRC or 2 Awards. Kindly mention your choice on your entry. Here's the question: Many years ago a Major International Broadcaster used a rather unique transmitter setup, both from the European Area and also from Central America. Who was it and what was the setup. No hints. April 30 deadline for North America, May 30 for the rest.

Till next time

BEST,  
Kap 3/13/86



## Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

### SWL LOG SHEET PRINTER

```
10 PRINT "<CLR/HOME>";POKE 53281,0;POKE 53280,0;POKE 646,0
11 D$ = "<RVS ON>SWL/DX LOG SHEET PRINTER<RVS OFF>";IGOSUB 80
12 PRINT "<3 CRSR DOWNS>"
13 D$ = "<RVS ON>FOR THE 1526 PRINTER<RVS OFF>";IGOSUB 80
14 PRINT "<3 CRSR DOWNS>"
15 D$ = "<RVS ON>COPYRIGHT 1986<RVS OFF>";IGOSUB 80
16 PRINT "<3 CRSR DOWNS>"
17 D$ = "<RVS ON>BY ALLAN L. COURTNEY<RVS OFF>";IGOSUB 80
18 PRINT "<3 CRSR DOWNS>"
19 D$ = "<RVS ON>PRESS F1 TO CONTINUE<RVS OFF>";IGOSUB 80
20 GET A$:IF A$ (<) "<F1>" THEN 20
22 IF A$ = "<F1>" THEN PRINT "<CLR/HOME>"
24 POKE 198,0;INPUT"NUMBER OF SHEETS TO PRINT";A$
26 A=VAL(A$)
28 IF A = 0 THEN PRINT "<CLR/HOME>";IGOTO 24
30 PRINT "<CLR/HOME>POSITION PAPER TO TOP OF SHEET AND"
32 PRINT "<CRSR DOWN>PRESS <RVS ON>F3<RVS OFF> TO PRINT"
34 GET G$:IF G$ (<) "<F3>" THEN 34
36 IF G$ = "<F3>" THEN 38
38 FOR T = 1 TO A:IGOSUB 40:NEXT T
39 PRINT "<CLR/HOME>";END
40 B$ = "<CMD-H><4 SPACES><CMD-N><4 SPACES><CMD-N><5 SPACES><CMD-N><16 SPACES>
<CMD-N>"
42 C$ = "<3 SPACES><CMD-N><7 SPACES><CMD-H><33 SPACES><CMD-N>"
44 T1$ = "<40 CMD-T's>"
46 T2$ = "<40 CMD-T's>"
48 D$ = "<CMD-H>DATE<CMD-N><SPACE>UTC<CMD-N><SPACE>FREQ<CMD-N><5 SPACES>
STATION<4 SPACES><CMD-N>"
50 P$ = "<SPACE>LG<CMD-N><SPACE>SINPD<SPACE><CMD-H><12 SPACES>COMMENTS
<13 SPACES><CMD-N>"
52 U1$ = "<40 CMD-E's>"
54 U2$ = "<40 CMD-E's>"
56 OPEN 5,4
58 PRINT#5,"<29 SPACES>CHR$(14)"SWL/DX LOG<CRSR DOWN>"
60 OPEN 6,4;PRINT#6,CHR$(22);CLOSES
62 PRINT#5,T1$T2$CHR$(14);B$C#0$P$B$C#CHR$(14);U1$U2$
64 FOR I = 1 TO 50
66 PRINT#5,B$C#B$C#CHR$(14);U1$U2$
68 NEXT I
70 OPEN 6,4;PRINT#6,CHR$(24);CLOSES
72 PRINT#5,CHR$(13);CHR$(13)
74 CLOSES
76 RETURN
80 D=LEN(D$);IF D/2 (<) INT(D/2) THEN D$ = D$ + " ";IGOTO 80
82 FOR I = 1 TO D/2;PRINTTAB(21-I);LEFT$(D$,I);RIGHT$(D$,I)
84 PRINT"<CRSR UP>";
86 FOR ZZ = 1 TO 30;NEXT ZZ;NEXT I
88 RETURN
```

\*\*NOTE: Characters enclosed in < > represent individual keys (e.g. <CMD-N> means Press Commodore Logo Key and N.

Allan L. Courtney  
881 Mt. Vernon Dr.  
Lexington, KY  
40502-2221

Ed's Note: Alan's program prints log sheets on a standard sheet of paper. Each sheet has space for: Date, UTC, Freq., Station, LG, SINPO and comments. As written, the program is for the Commodore 64 and Commodore 1526 printer. It will also run as written with the Commodore MPS-802 printer. To use the program with other printers it may be necessary to delete or change lines 60 and 70. These lines send commands to the printer to compress and decompress line spacing. This program makes extensive use of the Commodore 64's graphics keys. For that reason, it is probably not possible to adapt it to another brand of computer. It can be run on the VIC 20 or Commodore 128 by deleting the Pokes in line 10.

|||||

## Shortwave Programs Database

In the July Computer Corner, Ron Pokatiloff's International Broadcast Listener's Program was featured. Ron has gone back to the keyboard and produced an expanded and improved version. It is aimed at the program listener and contains over 4000, yes 4000, program listings. Want to know what's on the BBC Tuesdays at 0240 GMT? How about Monday at 0115 on Radio Beijing? It's all there; a day by day, hour by hour breakdown of shortwave programming.

The program is available on disk for the Commodore 64 and is priced at \$15.00. What's that you say, don't have a Commodore 64 or don't even have a computer? Well, Ron has a 70 page print out of all the information available. Its also priced at \$15.00 from:

Ron Pokatiloff  
2661 Sheridan Rd.  
Zion, IL 60099  
USA

|||||

March 4, 1986

The Hon. William J. Hughes  
2307 New Road  
Northfield, NJ 08225

Dear Congressman Hughes:

I am writing to express my strongest opposition to S1667/HR3378, the Electronic Communications Privacy Act of 1985. While I am an advocate of the right to privacy, I also believe that, as written, this bill erodes the existing rights of the public due to major flaws in its construction. I also believe that this bill wrongfully places the costs of privacy and security in communication to the taxpayer when they should be placed on the communications companies that profit from the use of the radio spectrum.

I am a disabled individual. Although I am able to work and perform most activities of daily living, my physical condition limits me to sedentary activities. My recreational activities reflect this limitation. When I became disabled, I took up radio monitoring as a hobby. I have become active with monitoring Shortwave, HAM and VHF (Known as scanner) radios. These activities are currently legal but may no longer be if the above legislation is not modified.

Unfortunately, cellular telephones, radio, cordless telephones, etc. share portions of the radio spectrum with the above mentioned services. S1667/HR3378 is intended to protect the privacy of telephone, etc., however, in doing so, will make legal listening illegal.

The Associatin of North American Radio Clubs, an umbrella organization representing 15 individual clubs with over 10,000 members, has given testimony on the 4 major flaws of this bill;

FIRST: The bill contains NO definition of "readily accessible to the public." The Association contends that there is a simple test that can be applied to establish "ready accessibility."

SECOND: The list of stations to which it would be lawful to listen is NOT consistent and NOT logical. This could be easily solved by addressing the definition of "ready accessibility."

THIRD: Any law stemming from S1667/HR3378 would be virtually unenforceable. There are currently MILLIONS of radios in American homes capable of receiving these broadcasts. Is it the intention of Congress to make millions of Americans criminals? A lesson can be learned from the Federal Communications Commission's inability to effectively regulate the licensing of the Citizens Radio Service. When the unenforceability and futility of the effort became apparent, the licensing requirement was dropped. By the way, it is currently estimated that there are thousands more scanners in American homes than citizens band radios. If the government could not regulate a service in which the radios could be identified by their transmissions and large (18' tall) outdoor antennas, how will it regulate this? Scanners are receivers only. They do not give off easily detectible waves; their antennas are indoors and only 18" tall. Obviously you see the ludicrousness of this.

FOURTH: This bill shifts the responsibility and cost for communication security from the provider of the service, who is making a profit, to the American Taxpayer. Current technology can easily make telephones, etc. NOT "readily accessible" at a reasonable cost of several dollars per unit. You can see the obvious reasons why business doesn't want to have to bear these costs. It is much cheaper to leave the current insecure systems in place and have the taxpayer bear the expense, responsibility and impossible task of keeping the general public from listening.

I urge you to insure that S1667/HR3378 does not make currently legal activities illegal. I also urge you to insure that S1667/HR3378 places the responsibility and COSTS of providing communications security where it belongs; with those who profit from the use of the radio spectrum, not the general public.

Your editor urges all Computer Corner readers to write their representatives.

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#### NOTICE

The NASWA Foreign Language Report Guides are available again from NASWA Headquarters. The languages are Spanish, French, Portugese, and Indonesian. Price is 75¢ each or the four for \$2.25. We also have a few NASWA stamps left at \$3.50 each. These stamps add a nice touch to your correspondence and identify you as a NASWA member.



# Listeners Notebook

GLENN HAUSER, Box 490756, Ft 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 BBC MS permission. The most important items have been broadcast immediately on WORLD OF RADIO or SWL DIGEST, 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, uos. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

**ANGOLA** ER de Benguela, 6152, and ER do Lobito, 7193, both hrd at 0520 w/diff pgms of Afro mx; fair sig 11/2 (Ernie Behr, Kenora, Ontario)

**AUSTRALIA** 21/2 letter from R S Gulson, Supervisor, Engineering Services, ABC Darwin, says mine was first report from USA for Alice Springs Tests. Gives sked in ACST as 8 am-4:30 pm on 4835, 4:30 pm-8 am on 2310, likewise for VL8T Tennant Creek on 4910 2325, and Katherine VLK8 on 5025 2485. "All three aeriels are troposphere scatter systems" (Ron Howard, Santa Barbara CA) I'm afraid he is confused; as usual with HF, the ionosphere is involved, not the troposphere; enclosed booklet explains this vertical incidence xmsn method as 'reflected back downwards by the ionosphere'. Nominal range of each is apx 450 km radius; most of the time pgm the same as MW stns 8DR, 8AL, 8GO, 8JB, 8KN, 8TC but 'there are plans to include segments of special interest to people in remote areas' (gh)

VIM4, Brisbane, 4920 SIO 353, // VLH9, Lyndhurst, SIO 454 at 1120-1208 16/3, classical mx pgm; ABC ID before 1200 world mx, TC for '6 past 10' followed by Victorian nx (Richard A D'Angelo, Wyomissing PA) You mean Queenslandian? (gh)

**BANGLADESH** Per verie, EG at 1230-1300 on 15525 17653, 1815-1915 on 6240 7490 (Arthur T Cushen, MBE, NZ, Feb NZ DX Times)

**BELGIUM** BRT EG sked 30/3 to 27/9: M-F 08-0855 9880 NAm, 21810 FE. Sat 0910-0930 DX pgm NAm 9880, FE 21810. M-Sa 13-1355 NAm 15590, FE 17590. M-Sat 18-1855 Eu 5905 1512. Sun 18-1820 DX Eu 5905 1512, Af 15515. Daily 21-2155 Eu 5905 1512, Af 11980. 0030-0125 NAm 9790, SAm 9925 (BRT)

**BHUTAN** R NYAB has now adopted a weekly sked [he means, daily]. Mon-Sat evenings on 3395, daily (as opposed to only Wed & Fri as before), and on Sun hrd on 6042 tho ancd 6035. I'd presume the new 5 kW SW xmtr has taken over as sigs generally G w/improved mod. Also, daily xmsns could not be provided by Wireless [i.e., ptp] xmtr alone because of their tight schedule for Civil uses. However, fq drifts and cutoffs are still present and the new xmtr cannot be 100% confirmed. I guess, have to wait for Ms Dorji to inform us. Anyway, the change has begun after a long time and must be keeping the NYAB staff very busy! Indian DXers should try and send reception reports to help the stn (esp'ly from West Bengal, Assam, and the NE) (Prodyut Banerjee, Feb ADXR of IDXC1)

**BOLIVIA** R San Miguel, 3310.3, 0120 in SP, LAm mx, guitar mx w/singer group, 16/2 & 22/2, to 0250\* (Roland Schulze, Stuttgart, W Germany)

R Nac Huanuni, 5965, from 1030 w/Bol mx & tlk to 1100 f/out. R San José, 5985, from 1000 w/Bol mx, 1103 local nx to 1115 f/out 18/2; new WRTH lists stn on 1490 MW only, has many other errors & omissions (Ernie Behr, Kenora Ont)

B O T S W A N A R Botswana, 6712, 25/12 1805 in EG, rock of 60s, ID, SINPO 35543 (Karel Honzik, Czechoslovakia, Feb DSWCI SWN) That's 2 x 3356

B R A Z I L Yes, as gh mentions my most recent WRTH is for 1982 (who says one needs to renew one's WRTH? Ha! believe me, you do), so, yes, my R Jornal on 4935 should surely be R Jornal A Crítica, Manaus; however the tent R Dif de Corumbá remains as I can't reconcile what I heard on 4970 w/a '85 listed Igua-temi stn (Maxfield Greenwood, Sedgwick ME)

R São Carlos, 2420, 0120 22/2, PT, LAM mx, clear ID (Roland Schulze, GFR)  
R Educadora da Bahia noted daily in the 08-0856 slot on 6019.3, separable on LSB from Gaúcha-6020; first noted 21/2 w/grammar les; 0839 canned ID gave fqs of 6020 & 9515, while will change, I believe to 9540 in the 3lmb reorg. 0844-56 nondescript Brazopops to \*0856 of R Ned, wiping out everything (John Wilkins, Wheat Ridge CO, 12/3)

R Nacional, Boa Vista, 4875, 0255-0305\* 9/3 w/pop mx til 0259, then anmts, ID, NA, SIO 222. R Dif do Maranhão, 4755, 0338 continuous vocals to 0356 ID, SIO 332 25/2. R Liberal, 3325, 0405 M&W vocals, ID 0422, heavy CW/RTTY QRM, SIO 322 15/2 (Richard A D'Angelo, Wyomissing PA)

C A M B O D I A V of the Kampuchean People, DS in Cambodian: 23-2430(Sun 0215) on 6090 918, 0430-0545(Sun 0645) 9695 6090 918, 1100-1415(Sun 1445) 6090 918 (WBI 20/3)

C H A D Chadian Natl R, RNT, DS from Ndjamena pgms in FR, AR, lcl langs: Sara, Kanembou, Moundang, Toupouri, Gorane, Massa Zakawa. Sked 05-0730 4904 840 94.05, 1025(Sun 0700)-1600 7120 etc, 1600-2105 4904 etc (WBI 27/2)

C H I N A La Lettre de Radio France, Feb, says: Following contacts between TDF and the Chinese Ministry of R&TV, an inter-govt'l agmt provides for exch of xmtr time (French: heures-fréquences) for SWBC by RFI. RFI'll be bc'ing for 6 hours a day from Chinese xmtrs, fed by an Intelsat, for the Indian Subcont, SEAs, Pac (WBI 6/3) & That means R Beijing also via RFI facilities! (gh)

C O L O M B I A Correction, please on your 1/3 RCI SWLD DX report: Re Dario Monferini's report that LV de los Centauros was on 4785. I did not inform him such a tip; it was given by a phone call from Bernhard Gründel, Stuttgart, to Dario; this is wrong! A misunderstanding. Actually I told Bernhard on his visit to me that I hrd on 4785 23/2 0450-0800 f/out Ecos del Combeima, ads, time, nx ID! I showed him a QSL card from LV de los Centauros, which I received after 3 yrs, from my vacation in the Canary Is, for 5954.6! This was received on 6/2. I don't know what was said on the phone between Gründel & Monferini. I don't like this, because it destroys my name. I have been DXing with accuracy. (Roland Schulze, Stuttgart, W Germany) Dario phoned me a correction on this & it was mentioned ASAP. I'm sure we all regret this misunderstanding! (gh) At the time I bc the item, along w/one from someone else on the same date contradicting it, I figured Combeima might have had Centauros pgm via a network (gh)

Transamazônica, Guaviare, at respectable level at 1103 check 21/1; don't be misled by refs to a San José--not a Costa Rican (Max in Maine) 6035, I suppose

C O S T A R I C A R Impacto is back on 6150, from 0100 w/LAM mx, 23/2; 20 mins earlier was still on 6160; wkdays to 0600\*; Sun to 0400\*v; R Sandino still on 6161.6 at 0400 4/3 (Ernie Behr, Kenora Ont) R Impacto back on 6150 after spending 19 weeks on 6160. Move necessitated by appearance of R Sandino on 6161.6 (ex-6200), which was probably an intentional effort on the part of Sandino to QRM Impacto (John Wilkins, Wheat Ridge CO, 12/3)

C U B A Monitoring 3-15/2 shows RHC ES redesigned format and presentation of SP to Ams 3/2, coinciding w/Third Congress of Commie Party of Cuba, Havana, 4-7/2. Briefly, pgming changes include: (a) Major commentary features entitled World Events and RHC Comenta are no longer carried. (b) The "Our America" commentaries continue but other new comm features "Nota," "Comentario," "Punto de Vista" have been introed. (c) Long nx reports carried outside regular news-casts are entitled "Reportaje" and "Reportaje desde [name of country]". These

long nx reports are by phone from R Havana and Prensa Latina correps abroad. (d) A review carrying reports from Cuban nxpapers has been introed. (e) A 10-min quasi-religious pgm "Por Dentro" which is described as "a panoramic view of Cuban religion & society" is now being bc. The first one was on Mon 10/2. Ancd that Por Dentro'd be carried on Mon & Thu and'd feature "Cuban Church Personalities"; however, it was not carried Thu 13/2. Changes've been made to other RHC svcs. Incl an incr in PT to 1Am, 01-0245 on 11725, 09-1045 on 9550. --an increase from 2 to 3½ hpd. 22-23 xmsn in Quechua [sic] moved to 00-01 on 11725. Guarani 11725 is now one hour later at 2300. RHC FR to Am doubled to one hour a day, 03-04 on 6090. Outputs of EG & SP to Ams unchanged. Seems to 've been cutback in eve bcs to Eu, ME, Af w/EG 1830-20 on 11795 ex-FR; 2010-21 40 bc in EG no longer hrd (WBI 20/2)

RHC made some sked changes, as monitored between 2/3 & 10/3: SP (Ams uos) 00-0245 11725, 02-03 6090, 03-06 5970, 0630-0730 Eu/Af/ME 9730, 09-11 6090, 09 30-1045 Eu 9730, 11-16 15230 11950, 11-1645 9550, 11-18 11760, 11-2050 15300 11725, 18-20 Eu 15230 11950 & via USSR 9720 9695, 22-0140 9770 9550 and ancd as 11835 on 11760, 22-06 6060 11970 11815 9730. EG 00-06 9740 6100, 02-0450 6140, 02-06 6190 ancd but not hrd, 04-06 6090 5970, 06-08 9525, 1830-20 Eu on 11795, 2050-2140 15300 11725. FR 03-04 6090, 0830-0930 Af/Eu 9730, 20-2140 Af/Eu 15230 11950 11795. AR 1630-1730 ME 15230 11950. Creole 03-04 Carib 5970. Guarani 23-24 SAm 11725. Quecha [sic] 00-01 8Am 11725. PT 01-02 SAm 11725, 0730-0830 Eu/Af 9730 (Christos Rigas, Chicago IL)

DOMINICAN REPUBLIC New stn! Radio Discovery, the Voice of the Caribbean, tnx to tip from Terry Palmersheim, MN, hrd testing Sun 23/3 1820 intermittently past 2100 on 15045; IDs an EG & SP, mostly Jeff White in EG w/Radio Earth-like pgming, Carib countries promoted, Carib mx, promising QSL for reports to a Tampa P O box, or phone calls to an 809 number in Santo Domingo; otherwise, no mention of actual location of stn hrd, and must wonder if this is completely legal; Terry also hrd it in evening on 6215 (gh)

ECUADOR R Bahá'í, 4991, 0436-0457\* 12/3 w/soft instl mx, soft talk by M w/R Bahá'í IDs; s/off routine 0452 incl fq, anthem. R Católica Nacional, 5055, \*1100-1108 16/3, instl then choral anthem, s/on ID, anmts, SIO 343, LV de Galápagos, 4810, 0204\* 13/3 u/hvy ute QRM but did catch s/off routine & anthem (Richard A D'Angelo, Wyomissing PA) Re Mar LN logging for R Rio Amazonas, yes indeed, I meant 4870, a "printo" error (Maxfield Greenwood, Sedgwick ME)

R Quito reported 19/2 2300: Early this morning, three members of the "Alfaro lives, Dammit!" mvmt seized installations of our colleague, R Éxito. The report was made by José Rodríguez Santander, owner and manager of R Éxito, who said the stn op Jorge Andino and ancr Fabian Buenano were forced into a toilet [room or commode?] while the assailants quickly placed in the console a cassette w/msg marking the 3rd anniv of the foundation of the "Alfaro lives, Dammit!" mvmt and referring to a magazine that had been advertised in the past few days. Rodríguez said that the assailants then wrote subversive slogans on the walls and placed a suspected explosive charge... (WBI 27/2) I'd dearly love to know just which Spanish expletive was rendered here as "Dammit!" (gh)

EQUATORIAL GUINEA One eve I hrd R Nacional on two // outlets 4925 & 5005 so there are two diff xmtrs (Marcel Rommerts, Holland, Feb DSWCI SWN) Maybe one was that which sometimes ops ES on abt 15105 (Noel Green, ed)

ESTONIA [Cf Feb LN-20] Tallinn is no longer on 6085; moved to 5925 several yrs ago; RS pgm hrd by Greenwood on 6085 could be from anywhere in USSR; 5925 also used by other Sov xmtrs; have hrd Mayak mx pgm there to 2200\* last Nov (Ernie Behr, Kenora Ont)

FINLAND R Finland, ancd 11/3 0930 that from beginning of DST 30/3, all xmsns'd be one hour earlier by UTC; also some fq changes, notably EAs/FE 0830 15155 ex-11935; morn EAs/Au 2100 11715, ex-31m; 1830 Eu 9560 ex-9530 (WBI 20/3)

FRANCE RFI M86 EG, presumably same times in Apr as in Mar: 16-17 11705 17620 17795 6175. 0315-0330 & 0345-0400 6175 7135 9790 9535 6055 9800; 0415-0430 & 0445-0500 7135 9790 6175 9535 1233 9550 6055 9800 (RFI) See also CHINA

GABON ANO, Libreville, reported 15/2 0630: ANO'11 now be hrd farther away and be more powerful. Gabon & France signed a financing agmt 14/2 that'11 en-

able ANO & RFI to improve quality of their xmsns. Over 622 megaCFAfrancs involved in project; for the pan-Af stn this'll possibilize fitting Moyabi xmtr centr w/new powerful ant which'll enable it to improve qual of recep over entire cov area, partic WAF; Pierre Dabezies, French Amb to Gabon, described the eqp: This ant'll at the same time incr geog & strategic capabilities of ANO & enable RFI i.a. to allocate more hours of xmsns. And'll incr self-financing capability of ANO giving this stn greater prominence than so far, and far from negligible because thousands--even millions--of people listen to it. (Ed note: AFP report same day said the 'antenna' 'd be a 250-kW one, indicating that the word "antenna" may have been used to mean 'xmtr' (WBI 20/2) This happens again & again in press reports regarding SW; how can people be so dumb? (gh)

GERMANY EAST Monitoring 11-16/2 shows: Use of MW 1575 for the Radio DDR-1 DS now ending at 1830; then that fq from Burg xmtr is used by RBI ES; except for FR, these bcs on 1575 are new: 1830-1915 GM // 7205, 1915-2000 SD, 20-2045 GM, 2045-2130 FR // 9730 7260 7185 7105, 2130-22 GM relay of V of the GDR svc, 22-2245 DN. Xmsns on RBI's other MW fq 1359 appear unchanged. Anmt in 1830 GM bc 16/2 said RBI'd adopt new sked from 3/3; GM to Eu 0530-0615 7295 5955, 09-0945 9730 7185 6040 (Sat & Sun), 1830-1915 7295 7205 1575, 20-2045 on 9730 1575; earlier anmt 12/2 indicated GM Ams from 3/3: 2230 9645 9620 6125 6070 6040 6010, 0130 9730 6080, 0345 9560 6010. Above indicates consequential changes affecting other non-GM svcs (WBI 20/2) SW portion of V of the GDR DS in GM, one hour earlier during DST [which has now begun]: 2315-04 9730 6115, 04-1715 6115; remainder of 24h sked on MW & FM only (WBI 20/3)

GERMANY WEST DW on 5960 & 6130 had AR pgm at 05-0550\* 10/3, both vy strong; next day hrd w/usual EG to NAM; what's going on? (Ernie Behr, Ont)

Monitoring 2/3 shows DW ES pgm sked for Mar is considerably reorganized in non-GM svcs; most retimed, resulting in increase of DW output (fnc! GM) of 26: 55 per week to a total of 568½ hours. Langs reduced in output: Std Chinese, JP, PT=Brazil; increased: AR, BG, Dari, EG, IN, Macedonian, Maghribi, Pashto, RM, RS, SC, Slovene, SH. No change in others tho retimed & reorganized. DW continues xmtng via own SW facilities pgms in Czech/Slovak, HG, PL, produced by other WGerman ES, DLF; however, two DW xmsns, one in RM, other SC, no longer via DLF 1539. Also, fram 3/3 Eu xmsns one hour earlier (WBI 13/3)

Add DW bc in EG to NAM at 03-0350 on 6010 6185 9545 9565 9640. Sked of test xmsns [from Jülich as before? site not given]: 06-0755 GM Eu 6075, 08-0955 GM SAs 21560, 10-1155 GM SAm 15245, 12-1355 GM Af 17875, 14-1555 GM SEu 6040, 17-1750 Persian 7285, 18-1850 Turkish 7285, 19-22 GM Af 9640, 2230-2320 Indo 7200, 00-0155 GM SEu 7130, 02-0250 EG SAs 6035, 03-0350 EG NAM 9735, 04-0550 AR ME/NAf 11795 (via Eric Falkenhan, Baltimore MD)

France-Inter, Paris, reported 5/3 1200 that Europe No 1 is to become entirely private radio stn once again; This morn, SOFIRAD (the state-owned bncg finance co) issued a queé saying it'd sold the 34.2% of shares it held in ENO to the Holpa company, a subsidiary of the Hachette group (Ed note: ENO, a French-lang commercial stn w/studios in Paris, bcs from xmtr in Saarbrücken, FRG on 183 kHz) (WBI 13/3)

GREECE On 2/3, VOG made some sked changes; so far monitored: 00-0150 & 02-0350 NAM 9935 9420 7430. 04-0450 Arabia 9425 7430; 05-0615 ME same. 15-1550 NAM 17565 15630 11645. 18-1850 SAf 15630. 19-1950 Eu 9425 9935 7430. 20-2050 Balkan same. 21-2150 Au 9935 9420 7430. 22-2250 Au 9420. 22-2350 SAm 9935 7430. 23-2350 Panamá 9420 (Christos Rigas, Chicago IL)

GUAM KTWR sked in EG: 0715(Sat/Sun 0700)-0830 15115, 1300-1415 (Sat/Sun 1430) 9870 (WBI 27/2) There may have been one or two changes since then. WBI claims all KTWR xmsns are to As, tho DU sources say the Arabic 0830-09 on 11735 is specifically for Australia (gh)

AWR-Asia is still in construction stages but hopes to begin bncg in the fall of 1986 (AWR Current via Richard A D'Angelo, PA) Do they have fall in Guam?

GUATEMALA R Cultural, 0320-0630\* 2/3, first noted 0320 w/EG pgm abt JC, t/in again 0528 in SP relig pgm, 0627 música de meditación, s/off anmts. Nevrr hrd this stn so long before, peaked at 0540 SINFO 44333 (Roland Schulze, Stuttgart GFR) Presumably 3300, tho in my Jan visit there, found 5955 also on the air w/low power xmtr to hold the fq, unancd (gh) R Chortis, 0240-0305\* 2/3 SP relig pgm, 0303 ID & s/off anmts on 3380.1 (Roland Schulze, Stuttgart FRG)

Prensa Libre newspaper, Guat City, reported 28/2: TV Channel 5 has not become part of the Ministry of Culture, because it is still administered, directed and sponsored by the Guat Army, Captain Juan Fernando Cifuentes, off spoxeman for the armed forces, said yesterday. Presently, Ch 5 is preparing spl pgms because most students have returned to school and morn bcs've been suspended. The morn bcs'll be replaced by a literacy pgm in co-ordination w/the Educ Ministry, which'll be very beneficial, Capt Cifuentes said. Attractive pgm of Guat poetry and prose directed by Delia Quir6nez'll be bc in near future. There'll also be an EG lesson so students can receive guidance on TV. Texts that'll be used as f/ups to TVed readings and writing lessons can be purchased at the Multiling Institute, directed by Ernesto Falla (WBI 13/3) Logo of this stn is "TVCE," even tho official call may be "TGCE" as given in WRTH 86; during my Jan visit following inauguration of democratic govt of Cerezo, this stn fqtly ran nauseating 5-min promos of the glories of the Guat military, also picked up by other channels. The power struggle goes on (gh)

GUIANA FRENCH RFO, Cayenne, 3385, 0025-0200 in FR, slow mx, singer group, ID, SINFO 34333; (Roland Schulze, Stuttgart, W Germany, 2/3) see CHINA

GUINEA RTVG, 4900, 21/2 cora or guitar IS \*0554, 0559 NA & Son, Qur'an, then long pgm of strange Waf vocals to 0645 nx; seems regular, ex-4910 (John Wilkins, Wheat Ridge CO, 12/3) Conakry on 4900 2341-2403\* 11/3, continuous easy instl mx until ID, anmts at 2359, then orch anthem 0001; poor (D'Angelo, PA)

Not having been at my rx for near a month, & not since I logged Chad on 4/2 for 4900, with 0800\*, and in passing at 0700 7/2, I can't declare my logging for Chad, yet, wrong. But today 7/3, immediately on reading March IN, I tuned in 4900 at 2325 & listnd to a G sig from Guinea to 2403\*; Will, at first late-night (or very early morning) listening, check 4900 betw 07 & 08 to see if my 'wandering' Chad was, in fact, Guinea--& will duly report results (Max in ME)

ICELAND Reykjavik hrd on new 9774 USB, IC pgm 2300-2410\* Sun 9/3; vy strong sig until 2347, when VOA het began; other days to 2335\*v; sounded like 50 or 100 kW, not 10, maybe beamed to Manitoba, which has largest Icelandic community outside Iceland (Ernie Behr, Kenora Ont, next to Manitoba, 11/3)

INDIA AIR ES to begin regular GM lang xmsn later this yr; AIR is now using a new time signal (Jose Jacob, India, Jan IDXCI ADXR) At end of the VII 5-yr plan the number of AIR stns'll go up from 88 at present to 203. Coverage'll go up from 90 to 99%. 100 FM xmtrs to be set up; on MW 3 stns upgraded to 300 kW ea. On SW eight 50 kW to be installed. For ES, four 500 kW SW, and two 250 kW SW also to be installed. Presently there are 35 AIR SW stns. In Andhra Pradesh, Hyderabad SW to be upgraded from 10 to 50 kW. In Kerala, new SW for Trivandrum (Jose Jacob, Feb IDXCI ADXR)

INDONESIA In early March, I visited RRI Denpasar and got some useful info. Per a booklet on RRI, there are 49 RRI in Indonesia and they are divided into 4 categories: 1) central stn in Jakarta, 2) 5 Nusantara key stations (Medan, Yogyakarta, Banjarmasin, Ujung Pandang and Jayapura), 3) 26 regional I stns in provincial capitals, and 4) 17 regional II stns in large district capitals. If you hrd unID RRI giving the ID as "Radio Republik Indonesia, regional satu...", the stn is located in the provincial capital.

RRI Denpasar now operate 24 hpd on 3945 (1 kW), 648 kHz (1 kW), 1206 (10), and 93.75MHz (50 W). Own nx at 2230, 2330=(EG nx and info pgm to 0000), 0200, 0530, 0900 (Balinese nx), 1000 (covering Nusa Tenggara territories), and 1300. Their studio is now located in Jalan Hayam Wuruk, Denpasar.

RRI Banjarmasin has EG pgm daily 0830-0900 consisting of nx, info and mx. Hrd in Bali on 1134 and maybe 3250 (not confirmed).

RRI Yogyakarta now 24h; fq usage is very complex; exact fqs not given, only wavelengths listed in pgm sked; fqs are calculated from wavelengths: 41.72m = 7190 0300-0600. 42.25m = 7100 0000-0300, 0600-0800. 59.43m = 5047 0800-2200. 127.6m = 2350 0800-2200. 271m = 1107 2130-0300, 0400-0700, 0930-1730. 308m = 972 kHz 0600-1000. FM 103 MHz 0700-2400, 107 MHz 0400-1730, 2130-2200, 0000-0300. Their own nx pgms at 0030 (EG), 0100 (Javanese), 0300 (regional nx), 0630 (regional nx), 0930 (sports), 1000 (city nx), 1130 (EG nx), 1230 (Javanese), 1400 (Nusantara II nx), 1830 (midnight nx) and 2230 (city nx). Their addr is a little diff from WRTH 86: Jalan A. Jazuli No. 4, Yogyakarta (Satoshi Wakisaka, Suita city, Osaka, Japan, 14/3)

RRI Biak now on 5500.5, ex-5451 since early Feb. Hrd 21/2 w/Qur'an 0906, lagu melayu 0916, then US pop vocals to 0930 Jak pgm, 0959 ID ancd "...gelombang 54,54 meter..." (5500 kHz). VG Sig. RRI Jayapura, 9612v, hrd 20/2 w/lagu populer Indonesia at unusually early hour of 2138; F-P w/9610 QRM (John Wilkins, Wheat Ridge CO)

RRI, Jakarta, reported 12/2 1200: V of Indonesia, the intl svc of RRI, '11 begin Spanish svc in near future. Dir-Gen of R, TV, Film said in Jak that RRI '11 bc in 10 langs w/intro of SP. (Ed. note: VOI currently on 15150 & 11790 for 7h a week in AR, Std CH, EG, FR, GM, IN, JP, ML, TI) (WBI 27/2) Feb DSWCI SWN:

INDONESIA Latest follow up to 1985 survey :  
2492.1 (Mataram?) at 1600-1900 with heavy QRM from V of Strait on 2490. Not // 2901.  
3355.3 Jambi \*1700-1830- daily all night Dec/Jan. Unheard 1500. Wonder where it is between 4927 s-off and 3355 s-on  
3945.5 Ternate at 1300 (regular s-off may be 1400) & 1700-1900- Often only this fracy in 1985 and all night. Different pxing from 3345/3916 and seems special prgm for Ternate local area.  
3946.1 Tanjung Karang til 1700 and sometimes all night. Wrongly confirmed as Jakarta at last survey. Must be ex 3955 which has'n't been reported for several years //3349.9. Suspect relays Jakarta px all night most of time.  
3995.1 Pontianak til 1600 - extended 1hr. Also on //3345.0.  
4866.6 Wamena -0900-1200- here in early Dec.85  
5043.6 Wamena -0830-1200- returned from mid-Dec.  
5045.1 (Jayapura) -1100- noted very poorly Dec/Jan. Heard at 0900 in Tokyo but not at 1100.  
5046v Yogyakarta -1000-2100- still all night on this channel with E nx at 1130.  
5451v Biak \*0800A-1200A\*. Til 0800 and after 1200 seems to be on 7210.6. Time changes unsure. Sometimes in '85 noted 0800-1200 on 7211 and before/after on 5451.  
5500.5 Biak QSY from 5451 from late Dec.85. Same sched as above  
5882v/5886v Pekanbaru QSYed to 5894v/5895v from early Sept.85  
5987.5 Menado irr.used instead of 3215 in '85.  
6069.9 Jayapura -0800- seems here with very poor signal Jan.86  
6127.5 Nabire -0900-1200- s-off extended maybe before Dec.85  
Unstable sig-strength. E LL noted 0845-0900 on 3 Jan.86. S-on of night txmen is 0755 w/IS, RRI opening mx (name unknown) and opening announcement.  
6188.4 Manokwari inactive for night txmen on this freq recently Only on 3986v?  
6553.5 Jakarta. Harmonic of 3277 sometimes better than fundam.  
7210.6 Biak (see 5451 above) is vj low modulated.  
9509.9 Ujung Padang \*0155- in Jan.86.  
9611.6 Jayapura -0600-1100\*. Almost no modulation in Dec.85. Fair to poor signal and sometimes only heard "Rayuan Pul au Kelapa" before the nx.  
4920.1v Tanjung Pinang (\*1400)-2000- on all night instead 3225. Never heard here Tanjung Karang reported.  
Ed: excellent information Hitoshi and Nihon DX Club and also for your comment. All is understood and I know how it is to be short of time. Any news is welcomed here.

I R A N VOIRI on 9022 1956-2008 16/3 w/talk on recent events. 2004 ID, readings from Holy Qur'an, F-G; looked for reported 6080 but no luck (Richard A D'Angelo, PA) Maybe 6088?

I S R A E L V of Israel reported 25/2 0900: The Comms Minister '11 continue to handle the establishment of VOA xmtr in Israel and a spl govt company '11 not be set up for the purpose. Our correspondent Elihu Ben-On reports this was agreed in a meeting between the PM & CM. Proposal to set up a govt company had been raised by the Treasury. Dir-Gen of Comms Min sked to meet US reps today to discuss plans to continue installation of the xmtrs (WBI 6/3)

V of Israel, ES in EG: 00-0030, 01-0125, 02-0225 Eu/Am 9435 7410 5885, 05-0515 Eu/ME/As/Au/Am 21710 11960 11700 9860 9435 9009 7410, 11-1130 Eu/ME/As/Au/Am 21625 17710

17685 17555 15643 11700. 18-1815 Eu/ME/Am 13745 11585 9920. 20-2030 Eu/Am 12080 11960 11700 11655 11605 9860 9815 9009. 2230-23 Eu/Am 12025 11960 11655 9860 9815 9435 7410 (WBI 6/3) One hour earlier when Israel is on DST (ibid.)

V of Israel, reported 7/3 1500 in HB: Some 4 million Soviet citizens tune in at least once a week to the VOI bcs beamed to Soviet Jews. This was learned from a poll recently conducted by one of the larger radio stns in Eu. Shows that listeners to VOI in the SU are particularly interested in nx of events in Isr and the ME, and accept the nx as verified, true info. The Sovs invest apx 1.2 gigadollars a year in jamming bcs by Western countries. This sum exceeds the SU's expenses on the purchase of grain annually (WBI 13/3)

Rec'd F/D Kol Israel ES card w/ "Reshet Bet Relay" typed on card in 36 days for a monitoring report and a req to please indicate the relay. Took 3 attempts to get it right. Latest sked for Reshet Bet shows 13745 ex-9385 1830-2315, 9388 ex-7465 1530-2315; 9388 confirmed w/monitoring 15/3 1730-1815 (D'Angelo)

I T A L Y Marconi R Intl from 15/2 testing new 11960 or alt 11650, Sat 1230-1530 & Sun 1030-1430 (R Tritto, Italy, Play-DX)

I V O R Y C O A S T Fraternité Matin, Abidjan, reported 3/3: By 15/3 we think the new radio xmtr will reach max power of 500 kW, says Info Min Amadou

Thiam at the Akouedo xmsn centre last Sat [1/3]. Info Min went there to see on the spot progress made in installation of 500 kW xmtr. Was very satisfied esp'ly because installation work has been adjusted to 100 kW on all range of fqs allocated to it. Its small ant completed 27/2; large ant also completed and the power of 500 kW'll be attained 15/3. Mr Thiam could not hide his happiness, tho the IC is against self-satisfaction. 500 kW xmtr'll enable IC to make itself hrd in world. IC has a msg to deliver. Known for coffee & cocoa but have other things to offer the world... Don't regret decision to buy xmtr from Thomson of France. French engrs have done their work and are still here... (WBI 6/3)

Monitoring 3/3: EG pgm from Intl Svc of R Cote d'Ivoire now hrd 18-19 on 11940; 1240 & 92 MHz also ancd; addr for listeners: Intl Svc of R Cd'I, P O Box V191, Abidjan, Cote d'Ivoire (WBI 13/3)

J A P A N NSB Tokyo, 9760, hrd from 2300 w/JP 2nd pgm 9/2 only; also on 9595 w/JP 1st pgm; both vy strong, but faded by 2400; only other stns on band were Magaden, Argentina, Paraguay; this was during big blackout when all bands were dead for 2 days; no trace of RCI & SWLD on any fq that weekend (Ernie Behr, Kenora Ont) NSB, R Tampa, Tokyo, 3925, G in EG & JP Sun 1100 w/feature pgm "Sony World Network--Radio Around the World" 22/12 (Leigh Morris, Feb NZ DX Times)

K A R E L I A N A S S R Reception report sent to RMWS on a RS DS xmsn of Petrozavodsk resulted in a full data QSL card, which included xmsn site; on 4780. Surprised to rx this as R Moscow does not verify domestic svcs (Christos Rigas)

K E N Y A Recent skeds from VOK are somewhat ambiguous! Mick Ogrizek got one showing Natl & Genl svcs: Natl: 02-0630 5985 7135, 0630-1330 11740 9635, 1330-1720 7135 6050. Genl: 02-0630 6000 6170 7220, 0630-1330 11795 11750 9725, 1330-2010 7220 6150. Pat McDonald got a sked for Genl svc: M-F 02-0620 4804, 0640-1310 7125, 1315-2010 4804; Sat 02-0620 4804, 0640-1320 7125, 1325-2010 on 4804; Sun 0230-0620 4804, 0640-1320 7125, 1325-2105 4804. There has always been uncertainty about actual sites for Kenya hf svcs, and in past, there has been an interchange of fqs for some svcs. As far as I know, there are only two 250 kW xmtrs at the Komarock site, used mainly on the HF bands 5950+ (Bob Padula, Vic, March ADXN)

K O R E A N O R T H KCBS, Pyongyang, DS: 2000-1800 on 11680 9665 6600 2850 819. Includes regional pgms daily at 2230-2300, 0430-0520, 1110-1800. These regional stns relay KCBS Pyongyang when not carrying local pgms: Chongjin, North Hamgyong Prov Svc 2696. Haeju, South Hwanghae Prov Svc 1081. Hamhung, South Hamgyong Prov Svc 2776 999. Hyesan, Yanggang Prov Svc 2300 765. Kaesong City Svc 810. Kanggye, Chagong Prov Svc 4274. Pyongsong, S Pyongan Prov Svc 2766. Pyongyang City Svc 720. Sariwon, North Hwanghae Prov Svc 2670 927. Sijuiju, North Pyongyang Prov Svc 2746 860. Wonsan, Kangwong Prov Svc 3031 877 (WBI 20/3)

L A O S Xieng Khouang hrd on 5655v/5011v at 1055. 5011v is used regularly at the moment, suffering strong QRM from Guangxi PBS & SBC on 5010, Vlad 5015. Sfanubon [sic] noted at 0925a & 2225a s/on in Jan on 6981v (Hitoshi Miyashita, Japan, March DSWCI SWN) Clearer reception of 6981 reveals stn is not Luang Prabang, but Phong Saly, in the north (Isao Ugusa, DX Front Line 10/3)

Natl R of Laos, Vientiane, ES to AS on 7112v and 1030: 00 CB, 0030 FR, 01-0130 EG, 04 CB, 0430 VT, 05 TI, 0530 FR, 06-0630 EG, 1130 TI, 12 VT, 1230 CB, 13 FR, 1330-14 EG, 23 TI, 2330-24 VT (WBI 27/2)

L E B A N O N "Al-Khalij", Sharjah UAE reported 11/2 from Beirut that a radio stn opd by supporters of Elie Hubayqah, former commander of Leb Forces'll begin xmsn in few days, Wed 12/2 or Thu 13/2 (WBI 20/2)

R of Islam, the V of the Oppressed (AR: Idha'at al-Islam, Sawt al-Mustad'afin) first hrd 14/1; supports the Shi'ite Hezbollah Orgzn; in AR on 1008 kHz 0415-0650 & 11-1450 (WBI 20/2)

"Al-Nahar", Beirut, reported 17/2: new stn monitored 16/2 1600 on MW near the V of Leb fq [873]; ancr said "This is the voice of the Lebanese Forces in a test xmsn..." Lasted til 1700 GMT repeating same phrase, Leb folk songs; at end said'd be back tomorrow. Monitoring 18/2 found stn in AR, Lebanese Forces R (AR: Idha'at al-Quwat al-Lubnaniyah) in progress on 837.4 at 1135 18/2, Western & AR mx, ids w/fq 837 kHz, to 1400\* w/Leb NA, back tomorrow, 21/2, hrd 08-15; til 20/2 s/on & s/off w/Leb NA, but from 21/2 used Leb Forces' own anthem (WBI 27/2)

'Al-Safir', Beirut, reported 26/2: stn "Voice of Arab Revolution--the V of National Resistance" and it'll begin test xmsns today on 1050 kHz at 05-08 & 17-21; promised regular xmsns on fq at a later date TBA, but still on 1420; reception reports invited by phone to 831606 or 831608; first hrd May 1979, & still on 1420.5, but so far untraced on 1050 (WBI 6/3)

R Free Lebanon reportd 10/3 1445: On first anniv of the 12/3/85 uprising, RFL'll begin xmsns on 963 ex-1476. When checked 12/3, this stn, supporting former pres Sham'un, hrd on both 1476 & 963 (WBI 20/3)

LESOTHO R Lesotho hrd on 4800 at 1822-1853 1/2, F sig in lcl lang, Afro pops (Kunitoshi Hishikawa, Sagami-hara, Japan) 4800, 14/3 \*0300 w/orch NA, ID, s/on anmts, into relig mx/preaching, SIO 322 (Richard A D'Angelo, PA)

LIBYA HS on 15235 // 15415 w/ME style mx, Fairly clear 8/3 on 15235 til VOA Monrovia \*1500 (Richard A D'Angelo, Wyomissing PA)

MADAGASCAR RN Talata relay noted on various 3lmb outlets recently in-cl 9590 IN 2220, DT 2230 ex-9540. E sigs 22/2; also on 9525 ex-9540 IN 2330, DT 0000 15/2 (Bob Padula, Vic, Australia)

MALAWI On KCBI 11/2 Capital DXers of Sacramento rptd Malawi on 5995 at 0600, which was more likely Mali or R Melodia; they also rptd R Concordia on 9580 at 0200, which was obviously VOA in SP. 0600 is 8 am in Malawi in mid-summer! (Ernie Behr, Kenora Ont)

MALAYSIA R Malaysia-Kuching, 4835, 1/2 1500 in ML, pop song (Kunitoshi Hishikawa, Sagami-hara-shi, Japan)

MALI KTM sked: Mon-Thu 06-10 & 12-24, Fri 06-24, Sat 06-10 & 12-24, Sun 07-24. On 4783 06-08, 7285 08-10, 9635 12-18, 4835/5995 18-24. (Lars Astrom, Sweden, Feb DSWCI SWN) Maybe correct, but fq usage doesn't tie in w/what I hear: 9635 & 7285 seem daytime chs and hrd daily from 0800; 4835 & 4783 til 08 and from 18; haven't hrd 5995 at all for some time (Noel Green, DSWCI ed., UKOGBANI)  
On 4835 SIO 343, //4783 poor under ute 2307-2337 w/end of nx, hilife mx; phone calls betw hilife selections, 11/3 (Richard A D'Angelo, Wyomissing PA)

MEXICO R Univ de Sonora, 6115, since 16/2 hrd from \*1300 w/NA & mx, 1400 SP nx; last year s/on arnd 1400, but new WRTH says 1500-0230 (Ernie Behr, Ont)

R Universidad Nac, 9602, since 21/2 hrd daily from \*1300 w/NA & mx to 1600 f/out, again from 2100 w/orch mx & tlks to 0300 f/out, but sometimes audible all day; wkdays 1402 SP nx, 0015 RS lesson, 0050 EG lesson; Sun nite 23/2 had GM tlk & opera 0030-0200; stn has pro-Soviet anti-US slant; probably new xmtr of 5-10 kW; old xmtr at Ticoman was only 1 kW & rarely hrd (Ernie Behr, Ont)  
R Univ de Mexico hrd lately 8/3 & 11/3 on 9602.1 w/semi-cl vocals, piano mx, etc at various times 1630-2100 w/F sig (John Wilkins, Wheat Ridge CO, 12/3)

9555, La Hora Exacta, 28/2 0222 pgm notes for R Infantil on 660 MW, XERPM. F sig (John Wilkins, Wheat Ridge CO)

MOROCCO R Mediterranée moved to 9580, strong 21/2, from 2030 AR nx & mx, 2100 FR & mx to 2156 RSA s/on, but not hrd since (Ernie Behr, Ont)

RTVM on 15335 1640-1804 16/3 w/live cov of sporting event; 1700 ID, world nx, 1703 ID "Huna Ribat", more live sports, // 17595 SIO 353 to 1700, then // 15330 SIO 332 (Richard A D'Angelo, Wyomissing PA)

MOZAMBIQUE R Maputo hrd on 9618, 1803-1820 1/2 w/F sig in EG, 1809 ID, talk pgm (Kunitoshi Hishikawa, Sagami-hara-shi, Kanagawa-ken, Japan)

NETHERLANDS ANTILLES Feb letter from Paul E Freed, TWR pres in Chatham NJ says the SW antenna on Bonaire is rusting away and is high priority for replacement; otherwise may collapse or be forced to tear it down; already dangerous to climb for repairs as several support cables have snapped. \$67,250 already provided, nearly half of the \$137,000 total needed (via Eric Falkenhan, Baltimore MD)

NEW ZEALAND R NZ Intl sked: 2345-0145 17705 15150, 0330(Sat 0145)-0730 15150 11780, 1030-1215 9600 6100, 1830-2105 15150 11780. The.0345, 1030 & 2345 xmsns are to Au & Melanesia; 0345, 1845, 2345 to Pac Is. Few pgms in

non-EG langs incl Maori, Samoan, Tongan, Nieuuan, Tokalaun, Cook Is, e.g. Maori  
nx M-F 0505-0510, Sun 0530-0542; M-F 07-0730 nx in Maori, Samoan, Tokalaun, To  
ngan and Cook Is langs. Most pgms relayed from ZYA, Wellington; one hour ear-  
lier during DST Oct-Mar; two 7.5 kW xmtrs at Titahi Bay, 30 km N Wellington  
(WBI 6/3)

N I C A R A G U A R Sandino now on 6161.6a, ex-6200 since early Feb (John Wil-  
kins, Wheat Ridge CO, 12/3) See also COSTA RICA.

R Zinica on 6120, 0352-0407 16/3, SP vocals, 0400 formal ID & fq anmt by M,  
SIO 433 (Richard A'Dangelo, PA) Map of cov of Nic stns in RIB-107 shows circula-  
r patterns except for one at Bluefields, which must be this--extremely direc-  
tional w/tight N/S lobes, a minor lobe eastward to the islands, but none west-  
ward (gh)

N I G E R I A Lcl stn in Kaduna has probably solved its financial problems,  
because since 1/1 back w/reasonable sigs on 4770 (Marcel Rommerts, Neth, Feb  
DSWCI SWN) Has VON been off air on 15120? Anyway, again hrd w/usual sked (Noel  
R Green, UKOGBANI, Feb DSWCI SWN ed.) R Nigeria, Lagos on 4990 2245-2305\* 11/3  
jazz mx til 2300, then 5 timepips, TC for midnight, nx, 2304 ID, anthem, SIO  
343 (Richard A D'Angelo, PA)

R Nigeria, Kaduna, reported 20/2 1700: The Minister of the new Fedl Capital  
[Abuja], Air-Commodore Kamza Abdullahi, has expressed concern over stoppage of  
work at the 35 meganaira FRCN HQ in Abuja; made this known today while receiving  
the Zonal Dir of FRCN-Kaduna, Alhaji Mahamad Ibrahim, in his office. The Min,  
who described the FRCN HQ as a striking edifice [heh, heh] in the city, urged  
the Zonal Dir to communicate the issue w/corp hq in Lagos to see quick comple-  
tion of the project (WBI 27/2)

N O R W A Y RNI, 9750, hrd 24/1 0957 IS, ID, 1000 EG ID, then NW pgmg (Kunito-  
shi Hishikawa, Japan)

P A K I S T A N R Pak on new 9545, from 1700 EG nx, mx 1745 UD pgm, hrd since  
4/2, ex-9465; AIR is on 9545 to 1500\* (Ernie Behr, Kenora Ont, 4/3) But 15/3 on  
9465 1718-1737 w/Pak mx pgm to 1730 ID as WS of R Pak, talk abt Paks working  
abroad, SIO 444-; // 11635 covered by LV del CID. 9545 maybe punchup error or  
they changed their minds; 16/3 found 9465 active, nothing on 9545 (Richard A  
D'Angelo, Wyoming PA) 1645-1745 EG to Eu on 9465 6230; other EG: 0230-  
0245 17660 15115 7315, 1005-1010 & 1100-1115 17660 15605, 1600-1615 15595 15515  
11925 11735 9465 7365 (WBI 13/3)

Karachi? on 6230 unID outlet strong, UD comtry 1845 25/2, relig prayers at  
1857, then s/off w/Pak NA; all other HS outlets are off at 17 or 18 (Padula)

P A P U A N E W G U I N E A On 4890 16/3 1107-1136, steadily improving  
from SIO 252 to SIO 353; preaching abt Christian living in PNG (D'Angelo PA)

P H I L I P P I N E S NHK-TV Tokyo reported 24/2 0700: anti-Marcos group has  
seized state-run TV stn [Maharlika Bcing System, also referred to as Ch 4] and  
has changed name to (Televi Filipino). Stn has switched from EG bcs to Tagalog,  
the native Phil lang. Using anti-Marcos ancrs, repeatedly urges public to rise  
up to overthrow Marcos...

Monitoring 24-25/2: Stn called "The Voice of Free Philippines" became aud-  
ible at 0830 24/2 on 918, fq formerly used by MBS's Tagalog "V of the Philip-  
pines" stn in Quezon City. Since abt 1100 24/2, some sort of bcing link hrd on  
7045 SSB. Nx, ivs, conversations in EG & TG obs w/some correspondents ancing  
the circuit as being the "V of the Phil" & also callsign "DWIMS". Fq also obs //  
FEBC. A corresp even hrd urging listeners to phone stn for which he was report-  
ing and giving same phone number as ancd by VOFP on 918.

V of the Free Philippines, Quezon City, in EG/TG 0830 24/2 ancd: Friends,  
this is another stn to serve the people, the People's Power. The People's Pow-  
er over this stn 914 [sic]...from Bohol Avenue [location of HQ of former MBS].  
Friends, this is a public svc. We are former employees of ABS-CBN [a pre-marti-  
al law radio & TV stn closed down in 1972] who are here to serve you. We have  
waited so long to be able to serve you once again, and I am very, very happy  
that we are given a wonderful opportunity to serve you again. You know, when  
we entered our former dwelling, I kissed the ground. It is very dirty because  
many people walked thru the door but it really is 'home sweet home'...Friends,  
you will soon hear old voices. We have (Roger Nagasca), (Chris Daluz), (Donna

Tuazon), just to mention a few of the personalities that we used to hear during the good old days of Radio Patrol [a pre-martial law radio pgm]... This is the Voice of the Philippines [as hrd], V of Free Philippines. This is the former DZXL [callsign of the key stn] of the ABS-CBN. I am in the booth right now where I used to conduct my "Midnight Patrol" pgm. Of course, many things have happened in the past 13 yrs. It took us 13 yrs before we returned to our old home... After so many years, we are back...on the air...914 kHz from Bohol Avenue, Quezon City, the former ABS-CBN, the Philippines' largest network (WBI

Broadcasting behaviour since departure of former Pres Marcos: 27/2)

Monitoring 26-28 Feb: the stn from Quezon City on 918 which IDed variously as as V of the Free Phil, V of the New Phil, or simply V of the Phil, had by evening of 26/2, started mainly to use the name Radio of the Nation (Tagalog: Radio [sic] ng Bayan). Radio of the Nation also hrd w/dom pgms for R Veritas whose xmtrs had been put out of action 23/2. After 1000 & 1130 nx on 918, and in TG "You are still tuned to the Radio of the Nation. This is Radio Veritas, temporarily using the facilities of VOP on 918 kHz AM". Stn also played "Onward Christian Soldiers," hymn normally associated w/RV. 26/2 1544 further annt in TG: "Tomorrow we at RV will return to our old studio on Fairview but this studio will continue to bc. We wish to thank all concerned here for letting us use the facilities. Tomorrow at 0630 in the morning, a thanksgiving mass will be held at Camp Aguinaldo and Camp Crame, a mass for the nation to be attended by a megaperson, so bring your xsistors w/you as RV'll xmit the celebration of mass". 1600, closed down to return at 2100. Info from RV 28/2 said its own stn was still off the air; hoped to have repairs completed 3/3 & resume 846 kHz. 28/2, xmsns in EG hrd to have resumed on 6170 [one of former MBS SW channels]. And as "Your information radio DZFM" and "Being 24 hours, DZFM, Quezon City" DZFM was called used by former MBS QC xmtr on 738.

NHK-TV, Tokyo, 28/2 1100, abstract of report on propaganda campaign during final days of Marcos govt: RV was attacked by a 50-member armed group early on 23/2 and forced to shut down at 1030. However for some unknown reasons a stn believed to be RV hrd in Manila at 1800 24/2. BC originated from small stn only 2 km from Malacañang Palace, which normally bc only mx, DZRJ, 810 kHz. To prevent pro-Marcos groups from locating stn, callsign changed to DZRB in its bc. As fq of 810 quite close to RV 846, people thought RV'd resumed bcs. Stn requested audience to provide info by phone, and among those who did were Defence Min Enrile, Gen Ramos and Mrs Aquino (WBI 6/3)

Bulletin Today, Manila, reported 2/3: Now it can go on record that radio & TV paved the way for ousting a Phil president... One stn stands out, RV, a bc arm of the Catholic Church and run by priests & nuns; should take the largest credit in info dissemination and urging families to go out and contribute to the success of People Power. When practically all other stns continued playing mx or their regular pgming, DZRV [Radio Veritas] took on the added task of mobilising people on the air. At height of the 3-day crisis in Camp Crame & Camp Aguinaldo, the stn served as forum for nx, ideas, suggestions, appeals. At that point, RV had shed all signs of an objective medium. Like the church, it had gone partisan. It was this partisan stand and the stn's overwhelming hold on its listeners that led Marcos soldiers to destroy DZRV's P40 million tower and relay stn in Malolos, Bulacan. Quick on their wits, the staff transferred to a radio stn in Sta Mesa where it took on the personality of a bandit stn. Around this time, tension between the Marcos camp and the rebel soldiers of Enrile and Ramos was mounting to a climax. RV, then introing itself as DZRB or 'radio broadcast' urged people to go out and barricade the two Camps to prevent any violent encounter betw two sides of a now-divided military. Manning its booth on a 24h basis were Fr Ben Carreon, Fr Efen Datu, Orly Punzalan, June Keithley and a pool of field correspondents. Another stn, DZRH went to town w/live cov of those 3 unforgettable days in Feb. DZRH was about the only commercial stn that dared air a running account of the defection, the siege of Ch 4 and the fall of Marcos. To some, DZRH did a better job in fair and objective reportage. When the rebels captured former govt stn Ch 4 in morn of Mon 24/2, an atmosphere of festivity marked the new era's first telecast. Orly Punzalan hosted that first bc together w/Maan Hontiveros. Ch 4 facilities had hooked up w/some radio stns, incl DWIN-FM and DWLL. People could actually leave their TV sets now and still get the msg on the radio. This further mobilised the citizens who, by then had been anticipating victory. Even those already barricading Crame, Aguinaldo, Ch 4 and later also Broadcast City, kept themselves attuned to the latest nx, thanks to the radio...

Summary of item on Media Network on R'Netherlands 6/3 1150: RV Asia was badly damaged in two incidents. Technical Manager at RV in Manila, David Mapanao, interviewed by phone on 4/3 says all xmtrs are out of commission but they are optimistic that one 100 kW SW xmtr will be opl w/in the week. The stn has 5 xmtrs at its site. The bldg is still intact after the attacks but damage was sustained on the MW xmtr. Tuning components among other things were damaged. One attack was by a 50-strong group, not in uniform, who used axes and rifle butts. The second was by two tanks. When the 100 kW xmtr returns to the air, it will be used for the normal overseas svc, time-extended to cover other langs. As for the other xmtrs, they are 20 yrs old and there will be a problem in getting spares. Mapanao is optimistic that the 2nd and 3rd xmtrs can be made opl w/in four months (WBI 13/3)

Manila Bulletin, 14/3, reported: Many televiewers are expected Sun 16/3 to respond positively to a call to contribute any amt that'll help RV rebuild its SW & MW xmtrs and other comms eqp destroyed during the recent people's revolution. Contributors may drop their donations at any of the branches of the United Coconut Planters Bank (OCPB) and the Bank of the Philippine Islands (BPI) on that day from 8 am to 6 pm. The OCPB started receiving donations for RV since Sun 9/3. Its officers and staff pledged P50,000. Dubbed as "Teleton on Four," the nonstop, 17 hour whole-day bc'll go on the air at 7am over the new ch 4. Orly Punzalan, Domestic Pgms Mgr of RV, said pgm made possible thru coop of Info Min Teodoro Locsin Jr and Ch 4's Officer-in-Charge José Mari Velez.

AFP nx agcy, Paris, reported from Manila 16/3 1439: Pres Corazón Aquino 16/3 kicked off a fund-raising campaign to restore Roman Catholic stn Veritas, blaming its destruction on 'misguided elements' in the ousted regime of Marcos. The militant radio stn was being live reports of the 4-day civilian-backed mly revolt which sent Mr Marcos into exile when some 50 armed men cut its xmsn lines in nearby Malolos town 23/2. Mrs Aquino appealed for public support in a brief msg on the govt Teleton, a day-long televised benefit show which solicited more than 1.4 megapesos (70 kilodollars) from viewers. "As you may know, the misguided elements of the former regime destroyed the stn's xmtrs with axes and hammers," she said. The 53-yr-old Pres said the destruction of RV had meant "the voice of the truth can no longer be hrd in the Philippines." (WBI 20/3)

The new Continental 100 kW xmtr for FEBC will probably not be on line for M 86 and it's hoped for this to be fully operational for J86--planned usage then: 6030 10-11, 6065 22-23, 6120 12-16, 9645 09-12, 9670 11-16, 9675 2230-24, 9700 2230-2330, 9715 12-14, 11780 16-17, 11850 07-16, 11865 00-02, 15350 07-11, 15375 11-1430, 15410 23-02, 15445 23-02 [including other xmtrs] (Bob Padula, Feb ADXN)

PORTUGAL RP obs w/PT svc to Af 11915, a slight move from 11910, at 1943 for Sun svc 9/3. PT to Af also hrd on new 11795 at 1950 // 11915 9740 9/3. And on 7160 \*0800 Suns for PT to Eu // 9740, into Church svc 9/3 (Bob Padula, Vic)

SAIPAN KFBS came up on new 15175, for aftn svc in Chinese, 05-07, replaced planned 15115, excellent lvl 10/3. Morn svc in CH now on new 11935 arnd 2135 but QRM from R Liberty co-channel 8/3. BM svc now on 15320 // 17795 both new, 0010, and both now severe co-channel QRM from R Australia! (Bob Padula, Vic, 11/3) It appears there is a lack of fq coordination / communication between RA and US-controlled licensees; who's to blame? (gh)

SAUDI ARABIA Riyadh noted on new 7155 w/Koran pgm // 7250, 2043-2100\* QRM RFE co-channel 7/3. Second pgm hrd on 9570 via LP, 0445 AR feature, no sign of NHK Gabon which usually dominated fq at this time! 7/3 (Padula, Vic)

SOLOMON ISLANDS SIBC on 5020, 1127-1202 w/ancr reading listener letters and playing mx reqs; started to fade arnd 1200 16/3, SIO 242 (D'Angelo)

SOUTH AFRICA Capital R, Umtata, Transkei, reported 9/3 0700: a new radio svc is being launched to serve SAf. Southern Sound'll be coming 31/3 at 1700; on same fq as Cap R; from monthend, Cap's xmsn'll close nightlly at 1700, and new Southern Sound'll take over. S.S. pgming'll be aimed at the 'moral majority' providing spiritual upliftment for listeners, a concept for the market not yet serviced in the region. Heading new svc is former nx & sport dir @ Capital, Barry Lambert, who says S.S. format'll incl mx, church nx, nx & sports and'll promote a moral way of life along w/providing its aud w/thought-provoking material. (Ed note: Capital radio bcs on 9765, 7150, 3930, 603, 585, FM)(WBI 20

/3) R RSA M86 EG sked for Mar & Apr: 02-0256 NAm 9615 6010 5980, 03-0426 E&C Af 9585 7270 5980, Saf 5980 4990 3230. 0630-0730 Waf 9585 7270, Saf 5980, Eu 11900 9585. 11-1156 C&Eaf/ME 15220 11900, Waf/Eu 17780 15220. 13-1556 C&E&Waf 17780 15220, Saf 7270, ME 17780 15220, Eu 17780 15220. 21-2156 Waf 9585 7270, Eu 11900 9585 (R RSA)

S P A I N Monitoring 2/3 shows an REE fq sked for M86 says it'll be bc'ing its proposed early morn xmsn in SP to Eu 0600-0700 on 9685 7280 6020; also introing weekly svc in Ladino for Sephardic Jews in ME, Thurs 19-1930 15125 (WBI 6/3)

Ś R I L A N K A After the situation concerning our relay stn eased off, the preparations were continued for the stn to be put into opn. On 8/2, e.g., a xmtr was started to radiate on a trial basis several pgms for abt 2h a day, e.g. SAs U0/HD/EG 7265 1430-1650. We shall inform you in time when the test xmsn from our Relay Station Trincomalee are to be resumed (Peter Senger, 12/2 letter to Friends of R DW such as Eric Falkenhan, Baltimore)

S L B C EG sked, which may include some AWR pgms: 0030-0230 15425 9720 6005. 0230-0430 15425 9720. 1030-1130 (mixed w/other langs) 17850 15120 11835. 1230-1600 15425 9720. 1745-1815 11800 to ME/Af, rest to As (WBI 27/2)

S W E D E N RSI M86 sked shows some reorganisation for non-Swedish svcs: Two xmsns in EG introed at 0930 & 1730, thereby incr output by 7h to 38:30 per week. Output in FR unchanged but two svcs retimed. BC'ing in GM cut from 5 half hour pgms a day to two one-hour pgms at 1030 & 2000. FT also reduced by dropping the 1730 xmsn. RS & SP incr by adding extra half-hour at 1630 for both. Overall effect is increase in RSI total output from 196 to 203 h per week. EG now: 0230-03 As/Au 11950=USB 9695, 04-0430 ME/Am 9695 9665, 0930-10 Au 15115, 1130-12 Eu/Af 11955 9630. 1230-13 As 15405 9565, 14-1430 Am 15345 9695, 16-1630 Eu/Af/As 11940 6065 1179, 17-1730 Eu/Af 9615, 1830-19 Eu/ME 11845 1179, 21-2130 Eu/Af 11845 6065 1179, 23-2330 Eu/Am 11705 9696 1179 (WBI 6/3) I know there have been several changes since but don't have them compiled. The 1400 is on 11705 not 9695 any more; and SCDX bc keeps getting bumped around, most recently on Tuesdays again at 1400 (gh)

S Y R I A Damascus hrd on new 9670 since 6/3, from \*1830 GM, 1907 FR, 2007 EG & mx to 2104\*v, strong; // 7455 in QRM (Ernie Behr, Kenora Ont) 9670 VG here

T U N I S I A Tunisian R & TV (RTT) National Network, Tunis, in Arabic: 0430-07 9680 7225 7125, 07-08 11750 9680 7225, 08-14 15225 11750 11730, 14-16 11750 11730 9680, 16-18 7225, 18-19 7285 7225 7125, 19-21 7285 7125, 21-22 7285 7225 7125, 22-2330 7285 7225 7125; includes V of Palestine Tue 2115-2145; relay of Sfax or Monastir regional svc Mon-Sat 08-09. During Ramadan the Natl Net is bc 04-02 (WBI 20/2) I think this would not be so complex if the external svcs had not been extracted, rather artificially from the overall picture of fq usage, as BBCMS must do (gh)

T U R K E Y V of Turkey genl svc in TK, ES: 00-04 Eu/As/Am 9730 9560 7215 [target areas & order of fqs are not related], 05-10 Eu/As 15405 15220 9615, 10-11 Eu 15220, 11-16 Eu/ME 15220 11955 9565, 16-17 15220 Eu, 17-23 Eu/ME 9660 6105 (WBI 20/2)

U S S R RMWS 13/3 1230 carried live the launch of two Soviet cosmonauts into orbit (Christos Rigas, Chicago IL) I'll be! Judging from US media reports it was only on TV--radio is insignificant, especially on TV (gh)

RMWS monitored as follows since 2/3: 00 17880 15570 15385, 01 15570 15385, 02 & 03 --, 04 9490 7165 7150 6000, 05 7320 7165 7150 6200, 06 9810 9450 7320, 07, 08, 09, 10, 11 not monitored. 12 13705 13665 9780 9600, 13 15550 15475 13705 13665 12010 13635 11840 9600. 14 17665 17655 17780 15475 15150 13665 13635 13705 11900 11840 11720 7150 5980, 5900 5950 7345 9510. 1500 15475 17655 13705 13680 11840 7345. 16 15475 13705 11840 11670 11770 13680. 17 11840 11770 11705 9685 9735 9765. 18 11840 11720 11705 9765 9735 9685. 19 11840 11705 9765 9735 9685 7290 12065. 20 12050 12010 11840 7290 11705. 21 12050 12010 11840 9450 7290 7335 15455 15425. 22 17700 15455 15425 12050 9520 7290 7195 7185 7175 6175 6020 13715 7115. 23 15570 13715.

RM to GB 20-21 9765 9735 7335. RSP&P in EG 14-1430 12065. R Kiev NAm 22-23 UK 11860 11790 7335 7205 7150, 23-24 UK 7205, 0030-01 EG 7400 7165 11860 11790 7205, 03-0330 EG 06020 7165. R Vilnius NAm 23-2330 EG 7400 15100 11790 &

11860, 01-0130 Lith 7400 7165 11790 11860. R Rodina in Russian hrd 2330-0030 on 15100 9890 7165 7400 9785 11860 11790, 02-03 7165 9890 (Christos Rigas, Chicago)

Appreciate your monitoring efforts, but these things change every month, and in April not only fq but times have changed one hour earlier in some cases (gh) Vladivostok presumed on 4825 1210-1233 f/out 16/3; thought I hrd JP at t/in. By 1215 definitely RS M&W talk, numerous mentions of Moscow; 1225 mx, 1230 fading, poor at best (Richard A D'Angelo, Wyoming PA)

R Moscow no longer being on R Sweden Int'l's fq 6065; per telex does not plan either to use 3 other fqs long used by RSI. It was arnd the New Year that R Moscow started using one of the best fqs of RSI w/devastating consequences for listeners' ability to rx bcs from Sweden. Following repeated reqs by the telecomms admn, RM hasnow given up the fq (RSI 20/2 1000 via WBI 27/2) I saw somewhere else that the RM bcs on 6065 even had the gall to include the Swedish svc

U A E UAER Dubai on new 9640 in AR 1400-1459\*v, vy strong 31/1, from \*1500 continued on 9595 in AR // 7195 (Ernie Behr, Ont)

V of the UAE, Abu Dhabi, 1620-2000\* 16/2 only w/test pgm in AR, mx, anmts on 4905; only day on that fq (Roland Schulze, Stuttgart, W Germany, 2/3)

Abu Dhabi, VG on 4760, 1920 AR mx pgm to 1930 TS, full ID in AR by W, then into nx, 17/2, hot hrd since (Mick Ogrizek, March ADXN)

U S A Separate QSLs rec'd for Special Test Xmsn and First Say of Regular Bc from WHRI. Attractive card, yellow & turquoise print on blue background (John Wilkins, Wheat Ridge CO) And info sheet says sked as amended 6/4, thru 3/5: 01-03 9690, 03-06 7400, 0600-0800 6100, 08-11 7355, 11-13 5995, 13-15 11790, 15-17 15105, 17-21 15310, 21-23 9700, 23-01 11775; Eu 06-13, 17-23, rest to Eu (via Eric Falkenhan, Baltimore MD) Since outset, the 11-13 xmsn on 5995 has been designated for Eu--maybe at midwinter, but who are they kidding since? (gh) World Harvest Radio has one Harris SW-100A 100 kW xmtr, two TCI 527 LP ants @ 42 and 157 degrees, ERP just over 4 megawatts, 13km NE of Indianapolis, at 40-01-03 N/ 85-57-15 W; studios 185km N in S Bend; O&O by LeSea Bcing Corp, founded by Dr Lester Sumrall; addr P O Box 12, South Bend IN 46624 (info sheet signed by Douglas W Garlinger, CE, via Erik Falkenhan, MD)

VOFC on relay from WYFR noted on 11855 EG to Eu 2220 8/3, about 0.5 sec delay compared w/direct Taiwan on 9955; WYFR on 7355 SP Eu \*2200, not on planned 9852.5; fqs appear swapped w/VOFC relay now hrd on 9852.5 w/EG 2200 tho planned for 7355, 9/3 (Bob Padula, Victoria)

V E N E Z U E L A is one country that has suffered 'huge losses' in 60mb SW stns over past few years. Active now are only: 4770 R Mundial Bolívar, 4780 LV de Carabobo, 4830 R Táchira, 4840 R Valera, 4850 R Capital, 4940 R Yaracuy, 4970 R Rumbos, 4980 Ecos del Torbes, 5010/5020 R Nacional irreg., 5040 R Maturín.

Stns hrd in the 1980s but now inactive include: 4760 R Frontera, 4800 R Lara 4860 R Maracaibo, 4880 R Universo, 4900 R Juventud, 4910v R Carora, 4960 R Sucre, 4990 R Barquisimeto, 5030 R Reloj Continente, 5050 R Mundial. To illustrate the attrition even further, the 1977 WRTH listed 29 YVs on 60m, while the 1986 lists only 18 (of which only 10 are presently active) (Steve Reinstein, FL Mar DSWCI SWN) DPA nx agcy, Hamburg, in SP 1422 15/2 reported from Caracas: Four radio stns in Venez have been temporarily closed for not complying w/govt decree that forces them to bc one recording of Venez mx for every foreign record played. The decree, popularly known as the "one for one" was violated by the following stns: Ecos del Orinoco, Radio Reloj, Radio Aeropuerto Internacional, Radiodifusora Andina, all in interior cities; closed for 72h from Mon 17/2 (WBI 20/2) R Aeropuerto Intl, in Maiquetía, is hardly the interior (gh)

V I E T N A M Lam Dong left 5157v on abt 7/1, found on 4414v w/improved mod & sig; per WRTVH 86 sked 10-1230 (Hitoshi Miyashita, Japan, Mar DSWCI SWN) A survey during Feb showed regional radio stns operating as follows: Bac Thai 6685 03-05, 1130-1330. Cao Bang 6543 12-13. Gia Lai Cong Tun [sic] 4730 1130-1230. Ha Tuyen 4823 23-2430, 1230-15. Hoang Lien Son 6650 00-0030, 10-1030, 1130-1330, and on 5600 00-0030, 10-1030, 1130-1330. Lai Chau 6473 1030-1330. Lam Dong on 4413 10-11, 1130-1230. Nghia Binh 5120 1130-13. Son La 6332 & 4715 03-0430, 1130-14. Thanh Hoa 4882 1030-1100 (WBI 20/3)

Y E M E N N O R T H W E S T YAR Radio, Sana'a, DS in AR on 9780 6135 4853 711: 03-0705, 0705-10 Fri, 10-2310; includes V of Palestine daily 16-1630 exc during Ramadan at 18-1830 (WBI 20/3)

YEMEN SOUTHEAST Radio of the PDRY, Aden, DS in AR on 11770 7190 1188: 03-06, 06-11 Fri, 11-21 (WBI 20/2) 31/1 at 1925 on 11770, SINPO 44444, English press conference w/new military leader--guess one of the rarest occasions for EG pgm from Aden (Pradyot Banerjee, Calcutta, Feb IDXCI ADXR)

YUGOSLAVIA RY on 7240, 2217-2228\* 11/3, nx by W, 2223 ID, s/off mentl // 9620 & 6100, neither hrd; SIO 332 (Richard A D'Angelo, PA) in EG, now earlier by an hour, I assume (gh) "Borba," Belgrade, reported 23/1: The SAWP extends full support to the further development of pgming and modernisation of R Yugo, it was stressed in the course of talks which Aleksandar Grlickov, Pres of the SAWPY Fedl Conf, had yesterday w/reps of this radio being orgn. Milan Rakas, pres of the section for info & public opinion of the SAWPY Fedl Conf, and Miroslav Lazic, Secy of the section, participated in the talks. Dr Dragan Markovic Dir of RY, and Pance Zafirovski, chief and responsible editor, acquainted Pres Grlickov w/work of the ed office and efforts made to promote the svc which is bc in 10 forn langs, as well as w/construxion of new SW xmsn centre in Bijeljina. It was said that, if necessary funds provided, centre'd be commissioned at beginning of next year, when facts & truth about our country and its role in the intl community and its views on world events'd be hrd and listened to in all continents. Support was expressed in the talks for the efforts made by the RY work organisation collective sothat the new bcng centre might be completed as soon as possible, which'd also ensure that all the republican and provincial radio stns'd get much more bcng time on RY to carry their pgms intended for emigrants and for workers temporarily working abroad (WBI 27/2)

ZANZIBAR This month's sensation is the reactivation of the xmtr on 11735; hrd from abt 1530 to 1815\* (Finn Krone, DSWCI SWN Feb) Pgms all in SH w/nx from DeS at 1700; first hrd by Finn 19/1, same day I first hrd the ID, but my notes suggest it was active at least the week before (Noel Green, UK, DSWCI ed.) RTZ noted on two new fqs, 11734.4 arnd 1530-1730 and 6014.7 arnd 1600-1700--former from 11/1, latter from 16/1 and // . 3339 not hrd for several months. Jun-ichi Nishikawa rxd a letter from an ancr of RTZ last year saying that 'it'll begin to use the new xmtr for the ES". So one, or both could be it (It'd only be the SW relay of Zanzibar for listeners in neighbouring countries) (Hitoshi Miyashita, Japan, Mar DSWCI SWN)

CLANDESTINE CRANNY V of Namibia hrd 7/2 1858 s/on, IS & V of Revolutionary Ethiopia ID, then ID in EG for VON; RFE QRM (Christos Rigas, Chicago IL) Fq? I suppose arnd 9595

V of the Libyan People Can anyone help me to find their addr? (Fabien Serve)

V of Liberation of Iran, 7080, addr sought in Feb IN; they give an addr in Bonn and another on 9027: P O Box 535, London NW 10, UK; P O Box 201225, 5300 Bonn 2, W Germany (Fabien Serve, 27/2)

V of the Communist Party of Iran, intercepted in Persian at 1740 11/3 on 3880; and daily bc at 1730-19, repeated 0315-0445 on 75 & 65m; addr for listener correspondence given as Postfach 100600, 5000 Cologne 1, W Germany. In 1984, VOCIPI hrd giving slightly diff addr in Cologne as well as in Turin & London. 17/3, hrd \*1730 on 3870, // 4480 at 1750, to 1900\* w/Intle (WBI 20/3)

V of Mujshedeen, 7110, hostile to Iran govt, hrd in Farsi 1530-1930 daily; previously thot to be via mobile xmtr in Iraq, but present steady sig negates that. Curiously enough, there's a bubble jammer on fq too, meaning that the Iranians are using such jammers too. Clear ID at 1600 as "Sdyee Mujshede" in militant voice. Not of [sic] patriotic chorus nos. and speeches but no addr given (Supratik Sanatani, Jan IDXCI ADXR)

V of Unity, 1530-1625 on 11490 and other fqs on 3lmb are 9535 9560 9795 (Kunitoshi Hishikawa, Japan) Did you hear these other fqs?

V of the People of Burma, first hrd 9/4/71 tho subsequent anmt indicated inaugurated 28/3; after test period towards end of Nov 79, present VOPB replaced original stn 28/3/80. Bcng reduced to 3 days a week sometime between Apr 85 & Feb 86. Now monitored on 5110 Fri/Sat/Sun 0130 BM, 0155 Karen, 0210 Jingpaw, 0225 Shan, 0240-0255 Wa; same pattern 1230-1355, times apx; run by Burma Communist Party (WBI 20/2)

V of the Khmer (Cambodian: Samleng Khmer) started expl MWBC from Cambodian/Thai border area 15/1/84; SW started Oct 85; describes self as non-communist natl Cambodian being stn in the liberated zone of Cambodia under leadership of Siha-nouk and Son Sann; run by Khmer People's Natl Libn Front (KPNLF), in Cambodian 05-07, 11-14, 23-24 on 6325 and unconfirmed 1250 (WBI 20/3)

V of the People of Malaysia The Nation, Bangkok, reported 18/2 from Betong, Yala, Thailand: A captured jungle camp of the Communist Party of Malaya insurgents N of this border town [Betong] housed a major CPM clandestine, military sources confirmed 17/2. Maj Gen Kitti Rattanachaya, Commander of the 5th Army Div, said Thai troops found evidence showing that the seized camp, abt 15 km N of Betong, was base of the so-called 5th Special Comms Platoon of the CPM, Field mly sources said the jungle camp also served as a CPM clandestine radio stn which bc in Chinese & Malaysian twice daily. Xmsn covered areas thruout Malaysia & sev'l southern provs of Thailand, per the sources. The Nation reported 19/2: The govt troops, led by mortar barrage and rocket bombardment from helicopter gunships, 16/2 seized the stronghold of the CPM 5th Spl Comms Platoon which also served as the CPM major radio stn. He [Rattanachaya] said the clandestine radio stn was called "Suara Rakyat" or "V of People of Malaysia" per CPM document found in the camp. Kitti said the govt's seizure of the insurgents' mobile radio stn has reduced ability of the CPM comms and brought much advantage to the anti-CPM joint [Thai & Malaysian] opns. Said govt soldiers were also trying to uncover another CPM clandestine radio stn believed to be nearby (WBI 27/2)

E Echo of the People Began xmsn in mid-Aug 85; style more softened in comparison w/V of Natl Salvation (ex-V of Rev Party for Reunification). Some pgm almost same as that of KBS Social Educ pgm, same them mx and style used but w/contrary intentions. Many monitoring results show this is from N Korea (tho anc "from Seoul" like V Natl Salvation), from 100 kW xmtr at Pyongyang, which was used for V of Reunif and is used for 6250 Pyongyang; 4120 kHz off (rpts on MDX [sic--?] via Hitoshi Miyashita, Japan, Mar DSWCI SWN)

V of Nationa [sic] Saving (ex- VO the Reunification) on 1053: 03-05 KR, 10-14 KR, 15-1630 KR, 20-22 KR, 22-2230 EG (FE Radio Club, Japan, via Jan IDXCI ADXR)

R Camilo Cienfuegos (CID) relays nx from R Martí at 1031-1042 // 6075, and also relays nx from Miami MW stn WQBA 1140 at 1102-1106 (Steve Reinstein, DSWCI) Fq? RCC--I think it is in Florida--they make interviews w/people living in FL and have people working there that live in Miami (Raymond Slagt, Oranjestad Aruba)

R Monimbó, 6230, had strong, clear sig \*0200-0325\* 7/3; no sign of HCJB, which I found on 6050 w/EG pgm, right on top of their own SP svc; next day back on 6230, which should be moved 5 or 10 kHz to avoid R Monimbó (Ernie Behr, Ont) Please pay attn to R Monimbó and

R Caimán; presume that it is the same stn, same ancrs; they do not transmit on the time [at the same time?] (Raymond Slagt, Oranjestad, Aruba, NWI, 10/2) R Caimán, 7470, massive sig 7/2 w/talk on science & refs to USSR 0138; anybody come up with an addr yet for QSL? (John Wilkins, Wheat Ridge CO)

Radio Caimán: Observations on anti-communist radio. Monitoring research 23 Jan 86. A radio station broadcasting in Spanish and calling itself Radio Caimán was heard broadcasting on 7470 kHz from 0058-0236 gmt on 23rd January. This transmission was announced as an 'evening' one. The station also announced a frequency of 9960 kHz for its 'morning' transmission. A news bulletin entitled 'Radiorama' was broadcast at 0100 gmt. It contained items critical of the Soviet Union and allied communist/socialist countries. (WBI 30/1)

The above item is printed exactly as BBCMS did, no editing or contraction as I usually do. It is the first (and so far, last) time BBCMS has mentioned this stn, confirmed by their 1985 index which does not list it. Isn't it incredible that such a powerhouse on the air for so many months is barely noticed by them? Furthermore, no hint whatsoever of what area, even what continent it comes from. This illustrates something important: while the BBCMS has never claimed to be comprehensive, or even objective, it is obviously under considerable political pressure in its coverage. It is after all, part of an intelligence agency. I can imagine the scenario: BBCMS knew about Caimán for a long time, but was pressured by the FBIS (CIA) guys upstairs to keep it quiet since it's "one of ours". After lengthy negotiation and discussion, BBCMS was finally allowed to publish the above rather incomplete and inadequate item, a minor victory (gh)

## UNIDENTIFIED

9757 in AR at 1600-2200 f/out since 26/1; maybe Kor-  
an pgm from Cairo? (Ernie Behr, Ont, 25/1)

9640 Vy strong AR to 1425\*A, 15/1 only (Ernie Behr, Kenora Ont, 25/1)

9585 AR stn hrd from 0330 w/TS & AR nx, 0348 mx, 0400 TS; weak sig 11/3; need  
help w/IDs for these AR stns (Ernie Behr, Ont, 11/3)

9575 AR mx at 2300-2400A since 9/3, under REE in SP, which is also on new 9745  
(Ernie Behr, Ont, 11/3)

5560/5565 unID lang, like Arabic, speaks about Sana and Aden, but only about  
them; arnd 0025, VG sig (Fabien Serve, 27/2)

6100, on KCBI 9/3 Capital DXers rptd R Cultura, Foz do Iguaçu, Brasil at 0730,  
obviously a list logging; too many false & misleading reports from this group  
on KCBI. A weak stn is on 6100 to 0757\*, under YVTO, but is not Brazil; see al-  
so MALAWI (Ernie Behr, Kenora Ont, 11/3)

5010, 2308-2314\* 19/1, SIO 3+53+; t/in to Qur'an recitations to 2312 when short  
anthem (?) commenced to 2314; then carrier cut. No voice amts. Wonder if this  
is V of UAE, Abu Dhabi? TBS says testing there last Feb (Richard A D'Angelo PA)

4753 [Cf Jan LN-32], Greenwood's unID at 2200 could be Ujung Pandang [INDONESIA]  
via long path, but not in AR (Ernie Behr, Kenora Ont, 25/1)

**PUBLICATIONS** DX LISTENING DIGEST If you like LN, you'll also like  
DXLD, lots more DX information in very similar format,  
plus frequency cross-reference, plus Enjoying Radio, a technical/philosophical  
forum edited by David Newkirk. Some copies of #4 are still in stock, and #5  
has just been published. Samples are \$1.50 each in North America, 6 IRCs else-  
where; 12-issue subscriptions \$17 in North America by first class, \$21, \$23 or  
\$25 overseas airmail depending on zone; US funds only by check or money order.  
DX Listening Digest, Box 490756, Ft Lauderdale FL 33349 (gh)

REVIEW OF INTERNATIONAL BROADCASTING, gh's other publication, Issue 107 is now  
available in limited supply, including lots of articles: The Electronic Com-  
munications Privacy Act; RIB Station Ratings; a double dose of Radio Equipment  
Forum and Satellite Watch, both edited by Loren Cox, Jr.; IRB International  
Broadcasting in Europe; Cuba Broadcast Newsletter; The Radio War Against Nica-  
ragua, including coverage maps; Radio Club Histories, Memorabilia and You;  
Shortwave for Everybody; Christian Radio--Another View; Listener Insights on  
Programming; Media File on International Broadcasters; Latin American Music;  
Cox and Newkirk on the Challenger Explosion; Domestic Information & Associated  
Listening (DIAL) edited by Kraig W Krist. Samples are \$1.50 in North America,  
6 IRCs elsewhere; 12-issue subscriptions \$18 in North America by first class;  
\$22, \$24, or \$26 overseas airmail depending on zone; US funds only by check or  
money order. RIB, Box 490756, Ft Lauderdale FL, 33349 (gh)

April LN ends here. Until the next, 73 de Glenn

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1986 World Radio TV Handbook Effective 31 March 1986, until 1 September 1986, or until supply is exhausted,  
Century Print Shop will sell all remaining copies of the 1986 WRTH at \$13  
each or 2/\$25. CA sales tax is 6% for residents only. All copies postpaid Book Rate only. Please call for  
First Class Mail rates. Orders, with check or money order payable to CENTURY PRINT SHOP, should be mailed  
to: Century Print Shop, Don Erickson, 6059 Essex St., Riverside, CA 92504-1599. Inquiries welcome at  
(714) 687-5910.

# ZIMBABWE BROADCASTING CORPORATION



## QSL REPORT

TO

NAME

John R. Tow,

ADDRESS

5260 Barrett Drive,  
Pittsford, New York 14534,  
U.S.A.

YOUR QSL CONFIRMED

DATE 28 October 1985

FREQ. 3105.7 kHz

SERVICE

SIGNED *A. Robertson*

Send your reports to:

Sam Barto  
47 Prospect Place  
Bristol, CT  
USA 06010

ADMIRALTY ISLANDS: Radio

Manus 3315 f/d ltr.  
in 49 ds. for 2 IRCs.  
v/s Raka Saini, Sta-  
tion Manager (Cones).

ALASKA: KNLS 6095 f/d cd  
in 3 wks. (Bowden-CA).

ALBANIA: Radio Tirana

7065 p/d cd. in 14  
wks. for 2 IRCs. (Eck-  
ert-PA). 7300 via

Kruje p/d "Building"  
cd. in 73 ds. (Harms).

ANGUILLA: Caribbean Bea-

con 1610 f/d "Studio" cd. in 83 ds. for ms. v/s Gareth Hodge, Station Manager. (Davis-NM)...Not SWBC but I report it as a matter of habit...Sam.

ANTIGUA: BBC Caribbean Relay Co. Ltd. 6175 p/d ltr. in 13 ds. v/s James W. McKay, Company Manager. (Cones-WA).

ARGENTINA: RAE 15345 f/d cd. w/ pennant and cassette of Argentine music in 105 ds. (Woloch-\* PQ). LOL2 4856 (Time Station) p/d cd. in 55 ds. for an EG rpt. (Gavaras-MN).

ASCENSION ISLAND: BBC 21660 f/d personal ltr. w/ photo in 207 ds. (Schulman-TN).

ASIATIC RUSSIA: Radio Moscow 6200 via Komsomolsk-on-Amur f/d "Lenin Stadium" cd. in 48 ds.

\* (Sgrulletta-NY). 4825 via Vladivostok n/d ltr. in 52 ds. (Rigas-IL). 12050 via Khabarovsk f/d cd. in 1 mo. (Tow). 7345 via Petropavlovsk/Kamchatsky f/d cd. in 45 ds. (Harms).

AUSTRALIA: VLM4 4920 p/d "Brisbane Symphony Orchestra" cd. w/ personal ltr. in 115 ds. (Schulman). same in 5 mo. for 2 IRCs. (Lare-MI). in 29 ds. for 1 IRC. (Cones). VLW6 6140 f/d cd. in 3 wks. (Bowden). Radio Australia 6035 via Carnarvon f/d cd. in 38 ds. (Burnell-\*

NFLD). VLBA 2310 via Alice Springs p/d ltr. in 18 ds. w/ sticker and booklet for 2 IRCs. v/s R. S. Gulson, Supervisor of Engineering Services. Addr: ABC-Darwin, GPO Box 9994, Darwin NT. 5794. (Howard-CA)...Very nice!

AUSTRIA: Radio Austria International 6155 f/d "Salzburg" cd. in 2 mo. (Bowden). "Regional Costume from Gail Valley" cd. in 40 ds. (Bowden). 6000 "Rural Costume - Styria" cd. in 83 ds. (Schulman). f/d cd. in 1 mo. (Kelly-IL). same in 58 ds. (Harms). 15320 f/d cd. in 50 ds. (Schulman). cd. in 87 ds. (Schulman).

BALI AND LESSER SUNDA ISLANDS: RRI Denpasar 3945 very nice personal ltr. in only 25 ds.

\* for an IN rpt. and ms. v/s Drs. Harmyn Husein, Kepala Stasiun. (Kusalik-ALB). RRI Mat-\*

aram 3223 f/d personal ltr. in 41 ds. for an IN rpt. and ms. v/s Idris, B.A., Kepala Seksi Siaran. (Kusalik). f/d ltr. in 33 ds. for an IN rpt. (Forsgren-WI).

BELGIUM: BRT 5910 f/d cd. in 42 ds. (Levison-PA). f/d "Brugge" cd. in 40 ds. (Cones). f/d

"Waterloo" cd. in 50 ds. (Bowden). f/d "La Promenade" cd. in 60 ds. (Bowden). 15590 f/d

"Nude Roses" cd. in 6 wks. w/ stickers. (Kelly). 9880 cd. in 7 wks. (Bowden).

BELIZE: Belize Radio One 3285 f/d cd. in 25 ds. w/ Belize Radio One handwritten in. v/s

\* Miss Esme Anderson. (Davis-NM).

BENIN: ORTB 4870 f/d cd. in 90 ds. w/ stickers for a FR rpt. and 2 IRCs. (Carleton-ONT).

BIAFRA (Nigeria): FRCN Enugu 6025 f/d form ltr.

in 76 ds. v/s Olisa Hriagu. (Forsgren).

BOLIVIA: Radio Nueva America 4796.5 f/d ltr. in

3 wks. for a SP rpt. and US \$1.00. v/s Raul

Salmon, Director. (Palmerstein-MN). La Cruz

del Sur 4875 rcvd. 36th Anniversary Hymnal

w/ verie statement in 6 wks. for a SP rpt.

and ms. v/s R. Moya J., Pastor. (Orcutt-CA).

BONAIRE: Radio Nederland 9590 and 6165 f/d

"Flevo" cd. in 31 ds. (George-NC).

BOUGANVILLE (North Solomons): Radio North Sol-

omons 3325 p/d ltr. in 111 ds. v/s Collee

Puro, Assistant Station Manager. (Forsgren).

BRASIL: RadioBras 11745 4 different QSLs rcvd.

in 2 mo. for EG rpt. (France). f/d "Palacio

do Itamaraty" cd. w/ pennant in 25 ds. for

1 IRC. (Forsgren-WI).

THE VOICE OF THE PEOPLE OF GUAM  
PHUNO PEARL - SAAP/PCBA

PEOPLE'S REPUBLIC OF GUAM  
SAMPESIDE PLACE PEARL - SAAP/PCBA

to Mr. John R. Tow  
5666 Pangloss Drive  
Pittsford, New York 14534  
U.S.A.

We acknowledge that your reception report  
dated July 26th 1985 at 11:56:00 AM CMT  
on 4103.9 MHz on \_\_\_\_\_ meter band fully conformed

with our station log. Your further reception reports with  
remarks or suggestions to our programs would be highly  
appreciated.

With all our best wishes

Enclosed herewith

1 program schedule.

**BRASIL:** RadioBras 11745 f/d cd. w/ personal ltr. and pennant in 30 ds. (Schulman). same in 42 ds. (George). Radiodifusora de Amazonia 4805 n/d cd. in 4 1/2 mo. for a PT rpt. v/s Jose Marinho (who collects stamps). (Niekamp-MN). same in 1 mo. for a PT rpt. and 2 IRCs. (Palmerheim). Radio Anhanguera 4915 f/d form ltr. in 2 mo. for a PT rpt. (Barto-CT). f/d form ltr. in 126 ds. for a PT rpt.

\* (Forsgren). Radio Educadora de Braganca 4825 "Logo" folder cd. in 29 ds. for a PT rpt. (Forsgren). Radio Nacional de Manaus 4845 f/d ltr. in 60 ds. for a PT rpt. and cassette tape. v/s Eudson Monteiro Lima, Auxiliar

de Escritorio. (Sgrulletta). Radio Suriname International 17755 ltr. in 131 ds. (Tow-AL). f/d ltr. in 3 mo. for an EG rpt. Sticker rcvd. (Field-MI). f/d "Paramaribo Harbor" cd. in 40 ds. (Gavaras). Radio Cultura do Para 5045 n/d ltr. in 12 mo. for a PT rpt. and ms. v/s Francisco Cezar Nunes da Silva, Director. (Plum-NJ).

**BULGARIA:** Radio Sofia 11720 f/d cd. in 7 mo. (McDaniel-AZ).

**BURKINA-FASO:** Radiodiffusion Nationale du Burkina 4815 f/d ltr. in 42 ds. for a FR rpt. and 1 IRC. (Forst). same in 154 ds. for a FR rpt. and 2 IRCs. (Burnell-NFLD). f/d form ltr. in 45 ds. for a FR rpt. and 3 IRCs. (Davis).

**BYELORUSSIAN SSR:** Radio Moscow 15150 via Minsk f/d cd. in 1 mo. (Tow).

**CANADA:** CFCX 6005 f/d cd. in 12 ds. for ms. (Forst). CBCNQS cd. in 185 ds. for ms. (Tow). RCI 9755 f/d cd. in 17 ds. (Davis).

**CANADA (Pirate):** KORO 7425 cd. in 20 ds. for ms. Addr: Dept. 16, Box 4376, Station "A", Victoria, B.C. V8X 3X8. (Orcutt-CA).

**CELEBS ISLANDS:** RRI Ujung Pandang 4719 f/d cd. in 35 ds. for an IN rpt. v/s H.A. Hyon-gki, BA. (Forsgren).

**CHILE:** Radio Nacional de Chile 15140 f/d "Logo" cd.

\* in 12 ds. for a SP rpt. and ms. v/s Carlos Toledo Verdugo. Sticker rcvd. v/s also QSLs for Radio Agricultura and Radio Mineira for 3 IRCs or US \$1.00. (Falkenhan-MD). f/d cd. in 25 ds. for a SP rpt. (Paszkiwicz-WI). f/d cd. w/ personal ltr. and sticker in 18 ds. for a SP rpt. (Schulman). cd. in 19 ds. for 3 IRCs. (Tow). f/d cd. in 15 ds. (McDaniel). f/d cd. in 8 mo. for a SP rpt. Addr: Casilla 166, San Fernando, IV Region, Chile. (Lare). same in 20 ds. for ms. (Davis). cd. w/ sticker in 20 ds. for a SP rpt. (Burnell).

**CHINA, PEOPLES REP. OF:** Radio Beijing 9730 f/d cd. in 3 wks. (Bowden). 11445 f/d cd. in 3 wks. (Bowden). 17650 f/d cd. in 3 wks. (Bowden). 9820 f/d "Girl w/ Chicken" cd. w/ paper cuts in 25 ds. (Forsgren). same cd. in 2 wks. (Bowden). 11650 f/d cd. in 3 wks. (Bowden). 9945/9550 f/d cd. in 1 mo. (Bowden). 9860 f/d cd. in 3 wks. (Bowden). 6933 f/d "Girl w/ Pandas" cd. in 28 ds. (Levison). BPM 15000 f/d cd. in 44 ds. (Falkenhan).

**CLANDESTINE:** La Voz de Alpha 66 6665 f/d cd. in 40 ds. for an EG rpt. and ms. v/s Sara M. Medina. Addr: Alpha 66 Organization, P.O. Box 420067, Miami, FL 33142. (Gavaras). 6664.9 f/d B&W cd. in 3 mo. for ms. (Palmerheim). 6666 f/d cd. in 73 ds. for a SP rpt. and \* ms. (Niekamp). Radio 15 de Septiembre 5555 f/d prepared cd. in 9 mo. for a SP rpt. and

ms. Thanks to Tom Gavaras for this one! (Niekamp). La Voz de CID 10040 cd. in 17 mo. for ms. (Tow).

**COLOMBIA:** Radio Sutatenza 5095 p/d "Felicidades" cd. in 3 1/2 wks. for a SP rpt. Sticker rcvd. (Palmerheim). Radio Macarena 5975 f/d cd. w/ sticker in 8 mo. for a SP rpt. and ms. (Lare). La Voz de los Centauros 5955 n/d cd. in 23 mo. for a SP rpt. and ms. v/s Juan Carlos Torres Leyva, Gerencia. (Orcutt). n/d cd. in 275 ds. for a SP rpt. and ms. (Dillon-MD). n/d cd. in 200 ds. for ms. (Plum). n/d cd. in 1 yr. for a SP rpt. and 1 IRC. (Rigas-IL).



## Radio Jordan

P.O. Box: 9W Amman



Michael S Hardester  
401 Birchwood Court, Modesto  
California 95350, U.S.A.

Date: 21 January 1986

We have the pleasure to confirm your reception report dated 7 June 1985 on the frequency of 11.920 MHz. at 2105-2201 GMT. The programme details mentioned in your report have been checked and found correct. Thank you for listening to our transmission, and best regards from Radio Jordan - Amman.



Faithfully  
  
Director





DEPARTEMEN PEMERANGAN RI  
DIREKTORAT RADIO  
R.R.I. STASIUN DENPASAR  
JALAN BELATI W TELP. 831 - 8308 DENPASAR - BALI

Denpasar, 22 Januari 1986

Kode : 136/0.12/1986  
Temp. : 1 Surat Perak  
R & I : 1000/1000

Si P A B a  
Tlx. Rr: Rmnd Rmnd  
2117 - 10 Street "A"  
Ottawa, Alberta  
T8B 6A6  
Rr: C A B A A

Utusan Berita,

Beritas yang diterima terhitung 21 Desember 1985 sebagai berikut:  
Berita tentang RRI Fildes Denpasar di tingkat nasional, serta dengan  
hal dapat akan digunakan dalam laporan nasional sebagai berikut:

Adanya beberapa program yang sudah pada persasi nasional  
dalam yang dalam laporan nasional pada RRI di Otawa Indonesia "saya  
mendapat informasi" ... artikel dari Washington dan Jakarta - masalah ini  
selama ..... dan beberapa yang beberapa artikel yang dalam  
Pusat dan

Adanya berita lain dari Fildes Denpasar yang pernah diterima  
sebelum adalah:

- Program : 2943 Eka (Minggu 14,05 Rpt)
- Program : 2 Sa (Minggu 10 Rpt)
- Berita : 2 Sa (Minggu 10 Rpt)

Berita tersebut akan laporan yang terhitung dari masalah sangat  
yang beberapa akan-masa masalah yang terhitung dari masalah sangat  
yang sangat di tingkat lain berita lain.

Berita yang lain akan terhitung dari laporan nasional.

Radio, Denpasar,  
RRI STASIUN DENPASAR  
Rr: C A B A A

**COLOMBIA:** Ondas del Meta 4885 f/d cd. w/ sticker and personal ltr. in 36 ds. for a SP rpt. and ms. v/s German Castaneda who collects stamps. (Niekamp). f/d green cd. in 2 mo. for a SP rpt. Sticker rcvd. (Palmerheim).

**COMOROS:** Radio Comores 3331 n/d cd. w/ ltr. \* in 26 ds. for a FR/EG rpt. and ms. v/s Antufi Mohamed Bacar. (George-NC).

**COSTA RICA:** Radio Columbia 4850 f/d cd. in 4 mo. for a SP/EG rpt. (Field-MI). Radio Reloj 4832 f/d cd. in 20 ds. for 1 IRC. v/s Francisco Barabona G. (Harms).

**CUBA:** Radio Rebelde 5025 p/d cd. w/ decals \* in 13 1/2 mo. for a SP rpt. and 1 IRC. (Niekamp). same in 405 ds. for 3 IRCs. v/s Juan B. Hernandez Diaz, Director. (Mann-IA). n/d cd. in 4 mo. w/ stickers for a SP rpt. (Field). p/d cd. in 402 ds. for a SP rpt. Stickers rcvd. (Rigas). same in 13 1/2 mo. for a SP rpt. Addr: Apartado 6277, La Habana. (Plum). cd. w/ stickers in 7 mo. for a SP rpt. (Barto-CT). p/d cd. in 13 mo. (Palmerheim). Radio Habana Cuba 6100 f/d cd. in 171 ds. for 1 IRC. v/s Francisco Luna. (Weber-OH). 6100/9740/11725 and 11760 f/d cds. w/ personal ltr. in 144 ds. (Schulman). Radio Moscow 11840 f/d cd. in 45 ds. (Harms). 6000 f/d cd.

in 48 ds. (Sgrulletta). f/d cd. in 38 ds. (Cones-VA).

**CYPRUS:** BBC 6180 n/d ltr. in 1 mo. direct from station. (Talbot-ALB).

**CZECHOSLOVAKIA:** Radio Praha 7345 f/d cd. in 28 ds. (Stuart-OK). f/d cd. in 23 ds. (Cones). 5930 f/d cd. in 12 ds. (Levson). same in 26 ds. (Schulman). f/d cd. in 32 ds. (Schulman). f/d cd. in 3 wks. (Bowden). 15110 f/d cd. in 1 mo. (Bowden). 11990 f/d cd. in 3 wks. (Bowden). (Burnell).

**DJIBOUTI:** Radio TV Djibouti 4780 p/d white "Logo" cd. in 35 ds. for a FR rpt. and 2 IRCs.

**ECUADOR:** La Voz del Upano 5040 f/d cd. "Sangay Volcano" cd. in 29 ds. for a SP rpt., ms and a cassette tape. v/s Luis Rivadeneira R., Director. (Sgrulletta). n/d cd. in 1 mo. for a SP rpt. (Field). Emisora Jesus del Gran Poder 5050 f/d folder cd. in 121 ds. for a SP rpt. and ms. v/s Eduardo Enriquez. (Burnell). Radiodifusora Paz y Bien 4820 p/d

cd. w/ personal ltr. in 104 ds. for a SP rpt. and ms. v/s Enrique Pesantez G., Gerente. (Burnell). La Voz del Napo 3280 p/d cd. in 40 ds. for a SP rpt. and ms. v/s Ramiro Cabrera, Director. (Paszkievicz). p/d cd. in 38 ds. w/ zaracay for a SP rpt. (Forsgren). Radio Zaracay p/d folder cd. w/ pennant in 31 ds. for a SP rpt. and 2 IRCs. (Weber). HCJB 9870 f/d "Transportation" cd. in 96 ds. (Schulman). 21477.5 "Tuna Rosada" cd. in 96 ds. (Schulman). 17790/6230 cds. in 96 ds. (Schulman). 9870 "Antenna" cd. in 96 ds. (Schulman). 6230 f/d "Mountain Climbers" cd. in 96 ds. (Schulman). 6230 "Spinosa" cd. in 96 ds. (Schulman). 15270 f/d "Agriculture" cd. in 96 ds. (Schulman). 6230 "At Home in the Jungle" cd. in 96 ds. (Schulman).

**EGYPT:** Radio Cairo 9475/9675 f/d cd. in 4 mo. (George). 9475 f/d "Pharaoh Staute" cd. in 21 mo. for 3 IRCs. (Fosx-VA).

**EL SALVADOR:** Radio El Salvador 9587 f/d ltr. in 55 ds. for a SP rpt. v/s Luis Aparicio. (Forsgren).

**ENGLAND:** VOA 7170 via Woofferton f/d cd. in \* 8 ds. (Harms). MSF 5000 f/d cd. in 24 ds. for 1 IRC. v/s B.R. Swabey. (Burnell).



DEPARTEMEN PEMERANGAN RI  
DIREKTORAT RADIO  
STASIUN RRI REGIONAL I MATARAM

Alamat : Jalan Lingga El Ampon

P O Box : 7 Ampon Tel : (0264 27112 71384)

Kode : 136/0.12/1986

Internas. 2 Februari 1986

Si P A B a  
Rr: Rmnd Rmnd  
2117 - 10 Street "A"  
Ottawa, Alberta  
T8B 6A6  
Rr: C A B A A

Berita tersebut terhitung 2 Januari 1986 sebagai berikut:  
Berita tentang RRI Fildes Denpasar di tingkat nasional, serta dengan  
hal dapat akan digunakan dalam laporan nasional sebagai berikut:

Adanya beberapa program yang sudah pada persasi nasional  
dalam yang dalam laporan nasional pada RRI di Otawa Indonesia "saya  
mendapat informasi" ... artikel dari Washington dan Jakarta - masalah ini  
selama ..... dan beberapa yang beberapa artikel yang dalam  
Pusat dan

Adanya berita lain dari Fildes Denpasar yang pernah diterima  
sebelum adalah:

- Program : 2943 Eka (Minggu 14,05 Rpt)

Radio, Mataram,  
RRI STASIUN MATARAM  
Rr: C A B A A

Dear Mr. Ron Howard

We are very pleased to hear from you and we thank you for your precise verification report.

We would like to take your attention that the short-wave you had received in Santa Barbara, is not for the mass audience but for our contact-use broadcasting. NHK is casting 2 middle-wave domestic broadcasting such as 1st and 2nd broadcast. And the later one is also cast by short-wave. This broadcasting is fulfilled with educational and cultural programs as well as some news.

It's a great thing to expand your horizon or viewpoint by listening to several stations as ours. We hope your purpose will bring a big and juicy fruit.

Sincerely yours,

*Saichi Kitabayashi*

SAICHI KITABAYASHI

Director  
Audience-Relations Bureau  
NHK Nagoya Central Station

Melita, Propagation Engineer. (Kusalik). f/d cd. w/ personal ltr. in 4 1/2 mo. (Niekamp).  
GREECE: Voice of Greece 9420 f/d "Olympic Torch" cd. in 6 wks. (Bowden). f/d "Throne of King Minos" cd. in 65 ds. for 2 IRCs. v/s D. Vafeas, Communications Engineer. (Foxxy).  
GUATEMALA: IGNA Radio Cultura 3300 p/d cd. in 29 ds. for 1 IRC. v/s Robert Rice. (McDaniel). n/d personal ltr. w/ prepared cd. in 348 ds. (Schulman). n/d "Quetzal" cd. in 11 mo. w/ pennant for 2 IRCs. v/s Mariella Posadas, QSL Secretary. (Talbot). same for an EG rpt. and 2 IRCs. (Weber-OH).  
GUINEA-BISSAU: Radio Nacional 5475 p/d cd. in 8 mo. for a PT rpt. and 2 IRCs. (Kelly).  
HAITI: Radio 4VER 4930 f/d cd. in 67 ds. for ms. v/s Mrs Edna Beachy. (Falkenhan).  
HAWAII: WWHV 5000 f/d "Outrigger" cd. in 2 wks. (Eckert).  
HOLLAND: Radio Nederland 6020 via Flevo f/d cd. in 44 ds. (Burnell).  
INDIA: All India Radio 9910 f/d "Taj Mahal" cd. in 37 ds. (Forsgren).  
ISRAEL: IBA 5885 f/d cd. in 6 wks. (Bowden).  
ITALY: Adventist World Radio 6205 via Forli f/d "Antenna" cd. in 33 ds. for 2 IRCs.  
\* v/s Sandy Hodgson, Secretary. (Burnell). same cd. in 5 wks. w/ pennant. (Field). same w/ p/d ltr. in 51 ds. for 2 IRCs. (George). f/d cd. in 47 ds. for cassette and 2 IRCs. (Sgrulletta). RAI 9575 cd. in 182 ds. (Tow).

Mr. R. Howard,  
P.O. Box 30060,  
Santa Barbara,  
California, USA 93130

Dear Sir,

Thank you for your letter dated 9 February, 1986, detailing reception of test transmissions from our new 50 KW Inland H.F. Service transmitter at Alice Springs. So far we have had reception reports from New Zealand and Papua New Guinea but your report is the first from the United States.

The H.F. Service when fully operational will include two other transmitters at Katherine and Tennant Creek in the Northern Territory. All three services are tropospheric scatter systems.

The frequencies for all three are as follows:-

Time (CST)	Station and Frequency		
	Alice Springs (ULBA)	Tennant Creek (ULBT)	Katherine (ULBK)
8.00 a.m. - 4.30 p.m.	4,835 MHz	4,910 MHz	5,025 MHz (60 metre band)
4.30 p.m. - 8.00 a.m.	2,310 MHz	2,325 MHz	2,485 MHz (120 metre band)

Please find enclosed a booklet on this new service.

Yours faithfully,

*R.S. Dawson*

R.S. DAWSON  
Supervisor, Engineering Services

EUROPEAN RUSSIA: Radio Moscow 15530 via Serpukhov f/d cd. in 45 ds. (Harms).  
9575 f/d cd. in 44 ds. (Tow). 9450 via Moscow cd. in 48 ds. (Sgrulletta). 4860/9470 cds. in 56 ds. (Burnell). 13665 f/d cd. in 1 mo. (Tow). 15540 via Zhigulevsk f/d cd. in 1 mo. (Tow). 5980 via Ryazan f/d cd. in 44 ds. (Tow). 9765 via Armavir f/d cd. in 44 ds. (Tow).

FRENCH GUIANA: RFI 6055 via Montsinery f/d cd. w/ pennant in 34 ds. (Burnell). same in 79 ds. (Levison).

GEORGIAN SSR: Radio Moscow 15305 via Tbilisi f/d cd. in 45 ds. (Harms).

GERMAN DEMOCRATIC REP: RRI 9560 f/d "Rotes Rathaus" cd. in 51 ds. (George). 6125 via Nauen f/d "Tierpark" cd. in 60 ds. (Harms).

GERMAN FEDERAL REP: VOA Munich f/d cd. in 9 ds. (Harms). Deutsche Welle 6145 n/d cd. w/ pennant in 80 ds. (Eckert). 6085/ \* 6145 same in 25 ds. (Harms-MD). Sender Freies Berlin via Radio Bremen 6190 f/d cd. w/ stickers in 22 ds. for 1 IRC. (Burnell).

GHANA: GBC 3366 f/d cd. in 2 1/2 mo. v/s I.A.

JAPAN: Radio Japan 15420 f/d cd. \* in 28 ds. (Forst). NHK 6005 via Nagoya n/d ltr. in 3 wks. v/s Saichi Kitabayashi, Director of Audience Relations. Addr: NHK-Nagoya Central Station, Higashi-sakura, Higashi-Ku, Nagoya City. (Howard). NBB 3925 f/d "1985 SuperWave" cd. in 53 ds. for 3 IRCs. (Weber). JJY 15000 f/d cd. in 38 ds. (Falkenhan).

JORDAN: Radio Jordan 11920 f/d \* "Flag" cd. in 9 mo. for ms. (VanHorn-FL).

KAMPUCHEA: Voice of the People of Kampuchea 11938 f/d ltr. in 165 ds. for 2 IRCs. (Tow). 9694 f/d ltr. in 7 mo. for a FR rpt. (Barto-CT).

KOREA, REPUBLIC OF: Radio Korea 9745 cd. in 57 ds. (Tow). 9750 f/d "Olympic Artwork" cd. in 1 mo. (Bowden).

KARELIAN SSR: Radio Petrozavodsk 4780 f/d cd. w/ site in 52 ds. for a RS  
\* transmission. (Rigas-IL).

KENYA: Voice of Kenya 11740 via Koma Rock p/d ltr. in 32  
ds. for ms. (Falkenhan).

LESOTHO: LNBS 4800 f/d "Flag" cd. in 1 mo. for 1 IRC.  
(Rigas). same in 35 ds. for 3 IRCs. (Mann-IA).

LIBERIA: VOA Monrovia 15320 f/d cd. in 1 mo. (Falkenhan).

LIBYA: Radio Jamahiriya 15450 f/d "African Service" cd. in 65  
65 ds. for 2 IRCs. (George).

LITHUANIAN SSR: Radio Vilnius 9685 f/d cd. in 5 mo. w/ per-  
sonal ltr. and pennant. (Eckert). 11960 f/d cd. w/ person-  
al ltr. in 146 ds. (Schulman).

LUXEMBOURG: Radio Luxembourg 6090 f/d "Tower" cd. in 18 ds.  
(Harms). cd. in 73 ds. for 1 IRC. (Rigas). (Tow).

MALAYSIA: RTM 7295 via Kuala Lumpur cd. in 410 ds. for 4 IRCs.

MALI: Radio Mali 3380 p/d "Map" cd. in 149 ds. for a FR rpt. and 2  
IRCs. (Woloch-QUE). 4783 same in 1 mo. for a FR rpt. and ms.  
(Falkenhan). 5995/7285 cd. in 3 mo. for a FR rpt. (Barto).

MALTA: IBRA Radio Mediterranean 6110 p/d "CN Tower" cd. in 6 wks.  
for ms. Pennant rcvd. (Talbot). same in 55 ds. for 2 IRCs. v/s

David Young-  
ren, President  
of IBRA Radio,  
North America,  
(Gavaras-MN).  
f/d "Map" cd. in  
28 ds. (Harms). 9510  
f/d cd. in 28 ds.  
(Forst).

MAURITIUS: MBC 4855.5

\* p/d cd. in 1 yr. for  
an EG rpt. and 3 IRCs.  
(Bolicho-ONT).

MEXICO: La Hora Exacta 9555

\* p/d ltr. in 226 ds. for a  
Sp rpt. and 1 IRC. v/s  
Carmen Elisabeth Strobl S., Gerente. Addr: Margaritas No. 18, Col. Florida, CP 01030,  
Mexico DF., Mexico. (Paszkiwicz-WI).

MOROCCO: Radiodiffusion Television Marocaine 15335 p/d cd. in 32 ds. for an EG/FR rpt. and  
2 IRCs. v/s J. Tanane. (Weber).

Radio New Zealand  
Shortwave Service



#### Verification Card

Dear Richard e. Davis

We thank you for your reception report and keen interest in  
our programmes

We are pleased to verify that you heard Radio Pyongyang  
from 11.55 to 12.50 on 9745 kHz on 23-6-1984  
Your valuable opinions on our programmes will always be  
very much appreciated.

Yours sincerely,

Korean Central Broadcasting  
Committee, Pyongyang, D.P.R.K.

#### VERIFICATION CARD

VIA MARK KONEN

QSL.



Burma Broadcasting Service

Location U.S.A  
Wavelength 4725 KHz  
Date 4-2-83  
Time 13:05 To 13:40 (GMT)

Your reception report has been  
examined and found correct/incorrect

Director (Broadcasting)  
Information and Broadcasting Department,  
Rangoon, Burma.

SOVIET REPUBLIC OF VIETNAM  
THE VOICE OF VIETNAM

Verification

To: Mr. Sanjiv...  
Thank you for your reception of VOV 15310 n/d on 10.1.86 on 13.30 UTC. All details of your Report of Reception correspond well with our station log, with the compliment of the Director of the Overseas Service of the Voice of Vietnam.  
(Get the copy from...) Radio Moscow  
Hanoi 10.1.86  
OVERSEAS SERVICE, VOICE OF VIETNAM  
38 Owen St. Street, Aden

NAMIBIA: Radio SWA 3270 f/d "Aloe Dichotoma in Bloom" cd. in 137 ds. (Weber). 3295 f/d "Highland" cd. in 131 ds. (Weber).

NEW BRITAIN: Radio East New Britain 3385 f/d "Map" cd. via Boroko in 70 ds. for 2 IRCs. (George).

NEWFOUNDLAND: CKZN 6160 f/d "CBC" cd. in 2 wks. (Eckert).

NORWAY: Radio Norway 9675 "Traditional Costumes" cd. in 40 ds. (Harms). 15310 f/d "Curtain Antenna at Kvitsoey" cd.

in 6 wks. (Bowden). 15305 f/d "Childrens" cd. in 84 ds. for an NN rpt. (Levison).

OMAN: BBC 15310 n/d cd. w/ sticker via London in 61 ds. (Burnell).

PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. in 20 ds. v/s Mr. Pomsie Pomat. (Henschel-IN). same w/ ltr. in 49 ds. for 2 IRCs. (Forst). Radio Eastern Highlands 3395 f/d cd. in 20 ds. for ms. v/s Kiri Nige, Senior Technical Officer. (Davis). Radio Gulf 3245 f/d cd. in 23 ds. v/s Timothy Akia, Senior Broadcasting Officer. (Forsgren).

PURU: Radio America 6010 f/d "Map" cd. in 95 ds. for a SP rpt. and ms. v/s Luis Angel Pinasco, Gerente. (Plum). n/d cd. in 92 ds. for a SP rpt. and ms. (George). Radio Atlantida 4790 friendly p/d ltr. in 191 ds. for a SP rpt. v/s Ivan Tenorio Matute. (Burnell)

POLAND: Radio Polonia 7145 f/d cd. w/ stickers in 37 ds. (Levison). 7270 f/d "City Hall" cd. in 120 ds. (Levison).

QATAR: QBS 9905 cd. w/ ltr. and booklet in 220 ds. (Tow). f/d cd. w/ sticker in 179 ds.

for an AR rpt. (Burnell).  
RIO MUNI: Radio Africa 15106 via Radio Nacional f/d ltr. in 1 yr. (Field).

SAITAP: KYOI 15405 f/d "Bird" cd. in 14 ds. w/ sticker. (Eckert). 9665 f/d cd. in 17 ds. (McDaniel).

SENEGAL: ORTS 4890 f/d cd. in 29 ds. for a FR rpt. and 2 IRCs. (Forst).

SINGAPORE: BBC 11750 f/d cd. in 18 ds. direct from station. (McDaniel)

SOLOMON ISLANDS: SIBC 5020 f/d cd. in 33 ds. for 2 IRCs. (Henschel).

SOUTH AFRICA: Radio RSA 9615 f/d "Ebenezer Dam" cd. in 35 ds. (Harms). f/d cd. in 1 mo. (Stuart).

f/d "Beach" cd. in 21 ds. v/s Colin Miller. (Schulman). f/d "Cape Peninsula" cd. in 15 ds. (Schulman). 6010 f/d "Brown-Headed Kingfisher" cd. in 41 ds. (Schulman). f/d "Garden Snails" cd. in 2 wks. (McDaniel). 17780 f/d cd. in 17 ds. (Tow). Radio 5/Radio Orion 3250 f/d cds. in 23 ds. for 2 IRCs. (Forst).

SPAIN: REE 9630 f/d "Castillo de Fuensaldana" cd. in 3 wks. (Bowden). f/d cd. in 50 ds. (Harms). f/d "Ampudia Castle" cd. in 56 ds. (George). 11880 f/d cd. in 9 wks. (Bowden). 9650 f/d cd. in 1 1/2 mo. (Bowden). 17770 f/d cd. in 5 wks. (Bowden). 6055 cd. in 3 wks. (Bowden).

SRI LANKA: SLBC 11835 f/d cd. in 87 ds. for 2 IRCs. (George).

SURINAM: Radio Apintie 5006 f/d form ltr. w/ pennant in 45 ds. v/s E. Vervuur, Director. \*(Burnell). 5005.7 ltr. w/ pennant in 210 ds. for 2 IRCs. (Tow).

SWEDEN: Radio Sweden International 9695 f/d "Royal Dramatic Theater" cd. in 5 wks. (Bowden). SWITZERLAND: Swiss Radio International 6135 via Schwarzenburg f/d cd. in 70 ds. (Harms).

\*9725 via Sottens f/d cd. in 70 ds. (Harms).

TADZHIK SSR: Radio Moscow 15470 via Dushanbe f/d cd. in 45 ds. (Harms).

TURKEY: Voice of Turkey 9560 f/d cd. w/ pennant and sticker in 166 ds. for 3 IRCs. (Hastie-TX). f/d "Santa Claus" cd. w/ pennant in 33 ds. (George). f/d "Veli's Tomb" cd. w/ pennant in 1 mo. for 1 IRC. (Kacir-MI).

RADIO MOSCOW  
Dear Mr. Rigas,

This verifies your report on the reception of Radio Moscow's broadcast in English

Date 10.1.86  
Time 13.30 UTC  
Frequency 4825 kHz via Vladivostok

Best wishes from RADIO MOSCOW



РАДИО МОСКВА

RADIO MOSCOW

Dear Mr. Rigas,

This verifies your report on the reception of Radio Moscow's broadcast in Russian,

Date 10.1.86  
Time 1 2.50 UTC  
Frequency 4780 kHz via Petrozavodsk

Best wishes from  
Radio Moscow

UGANDA: Radio Uganda 5027 p/d personal ltr. in 244 ds. (Burnell).

UNITED ARAB EMIRATES: Radio Dubai 7310 f/d cd. in 18 ds. (Stuart).

\* Voice of the U.A.E. 9900 f/d ltr. in 25 ds. (Rigas).

UKRAINIAN SSR: Radio Moscow 5980 via Simferopol f/d cd. in 44 ds. (Bowden). 9885 cd. in 44 ds. (Bowden). 13705 f/d cd. in 44 ds. (Bowden). cd. in 38 ds. (Burnell). cd. in 45 ds. (Harms). 15575 f/d cd. in 44 ds. (Bowden). 9650 f/d cd. in 74 ds. (Burnell). 13665 cd. in 38 ds. (Burnell). 15510/15485 f/d cds. in 26 ds. (Burnell). 15585/15475 cds. in 45 ds. (Harms). 5915 cd. in 48 ds. (Sgrulletta). 11900 via Lvov f/d cd. in 45 ds. (Harms). 15550 cd. in 44 ds. (Bowden). cd. in 26 ds. (Burnell). 11860 via Vinnitsa cd. in 26 ds. (Burnell). 15135/15475 cds. in 44 ds. (Bowden). 7320 via Starobelsk cd. in 26 ds. (Burnell). 15530 via Ivano-Frankovsk cd. in 44 ds. (Bowden). Radio Kiev 15180 cd. in 3 mo. (Bowden). 5905/7165 f/d cd. in 73 ds. (Levison). 9685 f/d cd. \* in 83 ds. (Schulman). 4940 personal n/d ltr. in RS in 215 ds. for an RS rpt. v/s Aleksandr Dikii, Editor. (Burnell).

URUGUAY: SODRE 15275 p/d cd. w/ ltr. in 34 ds. for a SP rpt. and ms. v/s Eduardo G. Artigas, Chief Engineer. 400 watts. Addr: Sarandi 444 or P.O. Box 1412, Montevideo, Uruguay. (George).

USA: KCBI 11790 f/d "Logo" cd. in 18 ds. for ms. (Cones). in 25 ds. for ms. (Burnell). same in 10 ds. (Forssgren). cd. in 2 wks. for ms. (Kelly). 11905 cd. in 19 ds. (Davis). 11790/ \* 11905 f/d cd. in 2 wks. (Palmerheim). WHRI 9615 f/d cd. in 3 mo. v/s Larry Fawbush. (Hartsell-CA). 6155 cd. in 85 ds.

for ms. (Rigas). cd. in 65 ds. for ms. (Falkenhan). 7355 f/d cd. in 83 ds. (Henschen). 15355 cd. in 87 ds. (Harms). same in 92 ds. (Neide). VOA Delano 9700 cd. in 23 ds. (Burnell).

Radio Marti 11930 f/d cd. in 16 ds. (Forssgren). 9570 cd. in 213 ds. (Schulman). cd. in 151 ds. for a SP rpt. (Dillon-MD).

WINE 15185 f/d cd. in 7 ds. for \* ms. (Falkenhan). AWR-Asia via Radio Earth via KCBI 11790 f/d cd. in 126 ds. for ms. (Schulman).

USA (Pirate): WMTV 7435.1 f/d ltr. in 6 mo. (Barto). 7425 f/d ltr. in 6 mo. (Forst). WPBR 7435 f/d ltr. in 10 mo. for ms. (Forst). 7425 f/d ltr. in 1 yr. (Field). WKUE 7435 p/d ltr. in 192 ds. for ms. (Burnell). Voice of Laryngitis 7425 f/d cd. in 6 wks. (Kusalik).

USSR: Radio Moscow 15420 cd. in 3 wks. (Bowden). 6150 cd. in 1 mo. (Bowden). 13705 cd. in 45 ds. (Stuart).

UZBEKISTAN: Radio Tashkent 5945 f/d cd. in 45 ds. (Weber-OH).

VATICAN: Radio Vatican 11845 f/d cd. in 5 wks. (Bowden).

VENEZUELA: Radio Capital 4850 f/d cd. in 2 mo. for a SP rpt. v/s Manuel Corres. (Field).

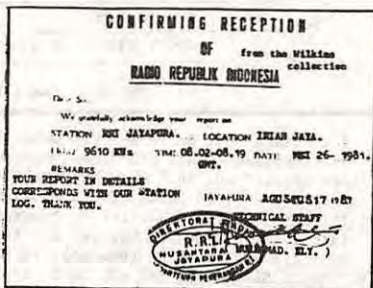
VIETNAM: Voice of Vietnam 15010 f/d cd. in 108 ds. (Schulman).

YEMEN: Radio Sana'a 9780 p/d form ltr. in 86 ds. for 2 IRCs. (Carleton-ONT).

YUGOSLAVIA: Radio Yugoslavia 9620 f/d cd. in 11 mo. after a phone call to the Embassy in DC. (Hastie-TX).

ZAIRE: La Voix du Zaïre 15245 p/d ltr. from Lepamabila Saye, Directeur Technique and f/d ltr. from Ayipam Mwan-a-Ngo, Directeur des Programmes Radio in 398 ds. for a FR rpt. (Woloch-QUE).

Till next time.....73s



# update

April 1986\*\*\*Number 208

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

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

Reproduction permitted provided credit is given original reporter and NASWA UPDATE.

Dates, times and days GMT: freqs kHz.

\*\*\*\*\*

BRAZIL RadioBras, 11765, in FR 2000. Soft IS; theme mx (sounds like whooping apes) and W w/ ID, sked and address. RadioBras apparently alive though maybe not all that well. (Park, HI 2-25)

CANADA BBC WS, site tentative, 5965, in EG 1419. "Music Land" prgm about classical mx, discussing the Grammys, sports show // 6195. Not listed WRTH86. BBC via Canada rare here, low freq a surprise. Poor, mixing w/ RTM and an unID. (Park, HI 3-8)

CHINA Xinjiang PBS, Urumqi, 5440, in Kazakh 1525. M singing "blues" mx w/ mandolin, M anncr w/ annmcs, xylophone-like mx, talks by M&W, // 4330. Vy poor, QRM ute 5435. (Park, HI 3-13)

RBeijing FS, 5850, in Mongolian 1200. Wobbly sounding IS (messed up tape loop), ID "Buhjingh jarsj...", M&W w/ annmcs and nx. // 5145. Per WRTH and RDI. Poor w/ much nearby ute QRM. (Park, HI)

COOK IS. RCI, 11760.8a, in EG/Maori 0925. Mix of US pops (e.g. Lionel Richie, Pointer Sisters) and local MoR mx. Full ID in EG/Maori by W, more local mx. Vy poor, distinctive xmtr hum a la Kiribati, local qrm/qrn. (Park, HI 3-5)

ECUADOR R. Quito, 4820, in SP 0427. M singing ballad, singing ad, long stn jingle and ID: Radio Quito, la voz del capitol, another jingle and Andean guitar mx. Poor. (Park, HI)\*\*\* Presume 4820 a typo for 4920. tba

FR. GUIANA RFO Cayenne, 5055, in FR 0915. Continuous Afrolatin mx (mixed Afr and LAM songs) at 0927 W talking over background mx reading psas. M w/ world nx, morse code dits and dahs between items. New xmtr? Poor, co-channel RTTY. (Park, HI)

GABON ANO, 4830, in FR 1740. M talking excitedly, then playing Madonna mx. Ex-4810. Poor to vy poor. ute and local QRM. (Park, HI)

GUAM KTWR, 15115, in EG 0820. "Through the Bible", stn anncr w/ request for letters, "Insight." Poor, some xmtr blackouts. (Park, HI)

KENYA VoK, 7220, in EG 1737. US soul and local mx, 6 pips and W w/ ID: "This is the Voice of Kenya." Into Christian religious talks by very soft-voiced M, 1758 song "Family Christmas," pips, band mx and nx. Tentative // 9505. Do not confuse w/ R. Tanzania since this ID includes a word that sounds like Dar es Salaam. Poor, mixing w/ unID. (Park, HI 2-11)

VoK, 11740, in EG 1857. EAfr mx, then W w/ ID: "from the Voice of Kenya, Nairobi, where it's 10 o'clock." Nx headlines, hair cream ad, UK pop mx. Not always on this freq. Poor w/ static. (Park, HI 2-18)

MADAGASCAR RN, 6020, in EG 1900. "All About Love," prgm of love songs // 9540. Vy poor to unusable, under RMWS and fading fast. Heavy local QRM. (Park, HI 3-10)

NAMIBIA RSWA, 3295, in AK 0436. Talk by W, speech by politician. Poor, ute and local QRM. (Park, HI 3-3)

NEPAL RNepal I, 5005, in presumed Nepali 1618. SAsian mx, then W w/ annmcs and ads, M singing local MoR mx. Poor. QRM from co-channel RID from 1619 when it started beeping. RTTY 5008. (Park, 2-26)

NORWAY RNI, 9620, 1756. Barely usable but recognized IS under co-channel VOA and jammer. (Park, HI 2-18)

PHILIPPINES FEBC R. Intl., 15350, in EG 0826. Religious-oriented philatelic prgm, "The Hobby of Knigs," anncr w/ QTH and ID. "Unshackled." This is beamed to EG speaking Malaysia and Singapore per annmcs. Poor VoFC QRM 15345. (Park, HI)

POLAND R. Polonia, 7145, in Polish 0458. Mazurka mx, IS and IDs "Radio Polonia." Horn flourishes and ID: "Tu Polskie R. Warszawa programs." Annmcs, nx. Fair, some QRM. (Park, HI 3-10)

RWANDA (?) SW, 9565, in EG 0304. Natl and world nx, cut from "Hooked on Classics" LP, into "Focus on Modern Living" past 0330 // 9545. L. Miller "International Radio" says this is new NAM service but 3-15 check shows 7225 and 9545 in FR 0350. Poor, 2 unIDs co-channel. (Park, HI 3-8)

SINGAPORE BBC WS, 3915, in EG 1713. "Letter from Scotland," prgm preview, "Meridian," // 7160. Poor. (Park, HI)

BBC, 15380, in EG and Burmese 0013. 3-note B-B-C IS, EG ID w/ lang and site, theme mx, ID in Burmese, "Myawan London," prgm preview and world nx. Poor. (Park, HI 2-23)

**SWAZILAND** TWR, 7300, in GM 0358. Handbell IS, theme mx and ID: "Hier ist...,Manzini, Swaziland." M w/ anncmts, religious prgm // 5955. Poor w/ RM and jammer on 7295. (Park, HI 3-2)

TWR, 9710, in EG/vern 1843. Handbell IS, IDs "This is Trans World Radio, Swaziland," W w/ lang ID, into in-house religious prgm. Lang is Umbundu per WRTH 85. Fair, qrm jammer 9705, co-channel het (I'm dreaming its Mauritius, hi.) (Park, HI 2-13)

**TAIWAN** VoAsia, 5980, in EG 1125. Current US top 10 mx (from Sade to James Brown to Starship) being played by W who was difficult to understand. // 7285. Poor, mixing w/ unID, QRM Korea 5975. (Park, HI 3-9)

USA WYFR, 15170, in EG 2206. "Family Radio Mailbag," 6 second ahead of VoFC relay on 15055. Poor, usual irritating het from Tahiti slightly above 15170. (Park, HI 3-15)

**USSR(?)** Tentative R. Afghanistan HS via USSR relay, 3965, in vern 1655. Persian-type singing by W, M w/ talks (several mentions of democratic) but missed ID. No time pips 1700. Poor. (Park, HI 2-25)

**ZANZIBAR** RTZ, 11735, in presumed SH 1756. MoR mx, followed by ID "Hii ni ... Tanzania Zanzibar," pulsating drums, anncmt and nx. Gave another ID 1805. WRTH 1986 does not show RTZ as testing a new xmtr, but if so, it's overmodulating badly. Poor. (Park, HI 2-25)

\*\*\*\*\*  
 Hope you enjoyed these fine reports from Dale Park. Hope to see reports from you next time.

Best 73, *RA*

## YOU ARE CORDIALLY INVITED

TO PARTICIPATE IN A NEW SHORTWAVE ADVENTURE.

NASWA & KCBI ARE TEAMING UP FOR RADIO CONNECTION  
 AND

## WE NEED YOUR INPUT

YOU KNOW WHAT MAKES A DX PROGRAM WORK. NOW'S YOUR CHANCE TO STRUT YOUR STUFF ON THE RADIO BY PRODUCING YOUR OWN RADIO SEGMENT TO BE AIRED ON KCBI. THREE MINUTES, ON CASSETTE, IS ALL WE NEED. EQUIPMENT REVIEWS, PROGRAM REVIEWS, STATION BROADCAST PROFILES-- YOU NAME IT-- IF IT IS BROADCAST RELATED, WE NEED IT!!

**FOR MORE INFO CONTACT:**

NICK PAPPAS  
 8570 CEDAR COVE DRIVE  
 ORLANDO, FLORIDA 32819  
 (305) 351-4520



# LOG REPORT

## section A

2000 to 4899 kHz

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

Welcome.....

- 2390 GUATEMALA. LV de Atitlan. 0115-0125. SS. Alternating marimba mx with talk by OM, weak but clear after Huayacoocotla s/off(14/2 Dickson)
- 2420 BRASIL. R. Sao Carlos. 0120. PT. PT/LA style music sung by OM(22/2 Schulze)
- 2475t CHINA. Zhejiang PBS. 2130. CC. Female talk, strong SSB QRM(20/2 Schulze)
- 3200 SWAZILAND. TWR. 0400. GG. Severe QRM but ID clearly heard at s/on(28/2 Stanley)
- 3220t PAPUA NEW GUINEA. R. Morobe. 0812. EE/Pidgin. Talk in EE/PF by 2 OM's, no ID heard(so I'll list as tent.-ed)(6/3 Giella)
- 3225 VENEZUELA. R. Occidente. 0135. SS. Pop music, ID by OM.(18/2 Krasnoff)
- 3230 REP. SOUTH AFRICA. RSA. 0352. EE. YL anc into discussion, talk of regional dev by 6M anc(22/2 Jordan)(21/2 Slagt)
- 3250w HONDURAS. R. Luz y Vida. 0155. SS. Talk by 2 OM w/ment of Peru, Venezuela, and Honduras, possible address at 0200.(27/2 Jordan)
- 3253 VENEZUELA. LV de El Tigre. 0305-0340. SS. Orch music and male vocal ballads, enthusiastic ID's.(4/2 Jordan)
- 3255 LIBERIA. ELBC. 0716. EE. Religious programme, fantastic signal(26/1 Burnell); @ 2301 with news and music(31/1 Swarngen); @ 0700 in EE with cigarette ad then "Police Report" pgm with talk regarding bribery and it's punishment...death(17/2 Palmer)
- 3275 VENEZUELA. R. Mara. 0115. SS. Talk and Ad's in SS, possible address heard(11/2 Bobb), (27/2 Jordan), (26/2 Bobb).
- 3280w ECUADOR. LV del Napo. 0207. SS. Sentimental style LA pop's(1/3 Dickson)
- 3295 SOUTHWEST AFRICA. SWABC. 0330. EE/AF. ID and time given, pop music pgm(21/2 Stanley), (2/2 Dickson), (25/2 Jordan). —Until it's official, please refer to this country as SWA and not Namibia.-ed.
- \*3300 BURUNDI. LV de la Revolution. 2002. FF. News and discussion to 2016, AF music to 2100 s/off with NA.(12/1 Burnell)—NICE-ed!!
- GUATEMALA. R. Cultural. 0325. EE. Religious & bible talk(17/2 Cole)
- 3310 BOLIVIA. R. San Miguel. 0240. SS. LA music w/ guitar, etc, female singer(16/1 Schulze)
- 3325 BRASIL. R. Liberal. 0631. PT. Samba and ballads, ID at 0632, promo-ID at 0644, heavy UTE QRM(17/2 Palmer)
- GUATEMALA. R. Maya de Barillas. 1035. SS. Simple style music with variations(28/2 Bobb)
- 3346 ZAMBIA. ZBS. 1743. EE. Talk on agriculture & fishing(4/3 Alcester-Zimbabwe); @ 0340 Fish-Eagle IS and into NA at 0352 w/ ID(17/2 McIsore)
- 3355 NEW CALEDONIA. RFO Noumea. 1223. FF. DJ w/pop show incl. funk rock version of "Doobies" "Long Train Runnin"//7170(25/1 Park)(6/3 Giella)
- BOTSWANA. RB. 0348. Setswana/EE. Barneyard IS, NA, freq asked by YL(4/2 Thunberg), (26/1 Johnson)
- 3360 GUATEMALA. LV de Nahuala. 0215. SS. Marimba music and talk(25/2 Dickson)
- 3395 ECUADOR. R. Zaracuy. 0324. SS. Mainly LA pops, 1-o-n-g ID at 0326(21/1 Burnell)
- 3396 ZIMBABWE. ZBC1. 0407. EE. YL with news and soccer results, 0410 drums then pop music, fade by 0415(20/1 Burnell); @ 0319 in EE w/ NA & ID at 0325, then a variety of "Seals & Crofts" tunes.(17/2 Allen)
- 3815 CHINA. CPBS Taiwan 1. 1232. CC. Comedy pgm w/singing //5125(25/1 Park)
- 3910 PERU. R. El Porvenir. 1032. SS. LA songs by YL, ID at 1058(12/2 Tuchscherer)
- 3915 SINGAPORE. BBC. 1713. EE. "A Letter from Scotland", and preview of "Meridian"(11/2 Park)
- 3925 JAPAN. NSB. 0831. JJ. "Canada This Week" by phone from Vancouver w/ nx and features // 6055, 9595. (1/2 Park)
- 3930 REP. SOUTH AFRICA/TRANSKEI. Capital Radio. 0311. EE. Pop music, sports scores, ad's for Rambo 2 and "Just Doughnuts"(22/1 Burnell); (22/2 Brann); (30/1 Weiss)
- 3958 FALKLAND ISLANDS. FIBS. 0615. EE. Music pgm, YL anc w/ID and s/off annts(15/2 Carleton)—you'll never see this referred to as "Las Malvinas" in this column as you might possibly see in another club), your editor is Chairman of the Falkland Islands Association for North America.
- 3965 FRANCE. RFI. 0517. FF. FF Pop music, ID and news at 0530(6/2 Rigas)
- 3975 UNITED KINGDOM. BBC. 0250. EE. Sports and discussion of "World Cup" entrants(4/2 Dickson)
- 3990 LIBERIA. VOA. 0305. EE. "Daybreak Africa"(22/1 Thunberg)
- 3999 GREENLAND. Greenland Radio. 2107. Greenlandic/Danish(?). Light music, news by YL at 2130(12/1 Burnell); @ 1055 EE pop music, Greenlandic news and talk to 1125(11/2 Carleton)—Only Canadians come through this month with this one!!
- 4000 CAMEROON. R. Bafoussam. 0530. EE. News relay from Yaounde(5/3 Rigas)
- 4020 CHINA. RB. 1103. KK. M&W reading nx w/raf. to Pres. Chun //5975 (5/2 Park)
- 4460 PERU. R. Norandina. 0115. SS. Local style mx, flutes, etc(10/2 Dickson)
- 4485 USSR. Kamchatako Radio. 0714. RR. "Govorit Petropavlovsk-Kamchatski" then into locally produced discussion pgm w/M&W ancnc.(19/2 Palmer)

- 4679 ECUADOR. RN Espejo. 0248. SS. Drama pgn, SS vocals at 0307(7/2 D'Angelo)
- 4735t MOCAMBIQUE. RM. 0346. PT. Lots of hiliife music(19/1 Burnell)
- 4751 USSR. R. Rodina. 2317. RR. MX/TIK/IS/ 2 ID's at 2330 into news(3/2 Paszkiewicz)
- 4755 BRASIL. RD do Maranhao. 0338. PT. Vocals to ID at 0356(25/2 D'Angelo)(14/2 Dickson)
- 4770 VENEZUELA. R. Mundial. 2254. SS. Pop vocals, lively DJ with ID's(22/2 D'Angelo)
- 4774.3 INDONESIA. RRI Jakarta. 1625. BI. Oldies hits in EE, modern dance pgn at 1658, (12/2 Schulze)
- 4780 DJIBOUTI. RTVD. 1830. Interesting guitar-like music. recitations(no-date Burnell)
- VENEZUELA. LV de Carabobo. 0245. SS. EZL LA ballads(15/2 Dickson)
- 4784 MALI. RTVM. 2235. FF. News by OM about Uganda & Mali(7/2 Swaringen)
- 4790 PERU. R. Atlantida. 0430. SS. Peruvian flute music, ID's promo's(3/1 VanHorn), (28/2 Bobb), (3/2 Field)
- 4795 CAMEROON. R. Douala. 0614. FF. Talk by OM. (15/2 Carleton)
- 4796 BOLIVIA. R. Nueva America. 1053. SS. Ment of La Paz, clear id @ 1101(22/1 Thunberg)
- 4800 ECUADOR. R. Popular Independiente. 0410. SS. Mostly music pgn(6/2 Jordan)
- LESOTHO. RL. 2103. EE. Religious propaganda.(12/1 Burnell)
- 4805 BRASIL. Difusora Amazonas. 0109. PT. M&W discussion pgn(9/2 Dillon)
- 4810 GALAPAGOS. LV de Los Galapagos. 0156. SS. Musical programme, ID at 0156(3/2 Field)
- PERU. R. San Martin. 1112. SS. ID by OM at tune-in, interview w/ 20M's(22/1 Thunberg), (24/2 Tuchscherer) y (23/2 Slagt)
- 4815 BURKINA-FASO. RTVB. 0734. FF. AF highlife music, best signal ever!(26/1 Burnell)(7/2 Bobb) and 9 others!!
- 4820 HONDURAS. LV Evangelica. 0032. SS. Religious music & propaganda(21/2 Slagt)(12/2 Stenley)
- nf4830 GABON. AF#1. 2145. FF. //15475. ad's talk(27/1 Hardester)(26/1 Schulze)
- VENEZUELA. R. Tachira. 0258. SS. Complete ID w/freq & call-sign given(26/2 Palmer)
- 4835 REP. SOUTH AFRICA. SABC. 0426. EE. News & music(20/2 Johnson)—how about details next time!—ed.
- 4845 BOLIVIA. R. Fides. 1017. SS. Andes vocals, rooster crow, ad for "Banco Agricola Bolivia", ID on the hour(6/3 Allen)
- INDONESIA(MOLUCCAS). RRI Ambon. 1252. IN. Instrumental music, ID @ 1300(16/2 Paszkiewicz)
- MAURITANIA. RM. 2352. AA. Recitations by OM(5/2 Weiss)(27/2 Ervine).
- 4850 VENEZUELA. R. Capital. 0358. SS. US Rock tunes, ID @ 0415(Dillon 15/2)
- 4860 PERU. R. Chinchaycocha. 0225. SS. Lively flutes, LA ballads(14/2 Dickson)
- 4865 COLOMBIA. LV del Cinaruco. 0048. SS. "Musica de LatinoAmericana"(26/2 Klein)(7/2 Dickson)
- 4876 BOLIVIA. R. La Cruz del Sur. 1030. SS. Piano and Choral music(19/2 Bobb)
- 4880 REP. SOUTH AFRICA. SABC. 0417. AF. Ment. of several RSA cities in AF.(15/2 Dillon)
- 4885 BRASIL. R. Clube do Para. 0230. PT. Pops & Ballads(14/2 Cobb)(14/2 Hardester)
- KENYA. VOE. 0428. Vern. News by YL(23 2 Schulze)
- PERU. R. Huancajelic. 0345. SS. Andean folk music. accordian music(3/2 Jordan)
- 4890 PAPUA NEW GUINEA. NBC. 1359. EE. Country music w/ OM anncr(20/2 Cole)
- 4899 BANGLADESH. RB. 1600. ID, Pips, Sitar music and talk by OM(4/3 Akester-Zimbabwe)

—Thanks to the regular and new contributors again this month & HAPPY SPRING to all!!

—1986 DAYTON HAMVENTION....Why mention a hamvention in a SWL/DXer publication(??). The Miami Valley DX Club will be sponsoring the 4th annual "SWL Forum" at the 1986 Dayton Hamvention on 27 April at 0930am. If your in the area, be sure to drop by for this most interesting few hours as well as the bargains at the "flea" market outside. Im sure Universal SW Radio will display the new NRD-525 as well!!!! CU there!!

—Going to Provinciales & Barbados for a much deserved holiday in a week with no radio, TV, mail(!), or students, if Im not here next month.....

—CU next month(??) & thanks again!!

mike —



# LOG REPORTS

## section B

4900 to 6199 kHz

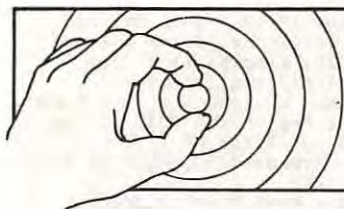
Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- 4900 GUINEA Conakry now here, 2034 1-28, 1st day here, talk, clear FR ID 2130, abruptly off 2135, fair (Schulze); \*0554, stringed IS, NA, ID, Koran, Afr vocals 0608-0645 2-21
- 4902 SRI LANKA SLBC, Sinhala, local mx 1715 2-1, pips, ID, 1730\* (Schulze). (Wilkins-CO).
- 4904 CHAD N'djamena, children singing 0500 2-15, ID, Afr string & drum mx (Dillon-MD).
- 4910 HONDURAS LV de Mosquitia, relig. prgm 0110 2-16, clear ID, RTTT (Schulze); mx 0140 2-15, man anncr, EZL mx, no ID but typically their prgm, poor signal (Dickson).
- 4910 INDONESIA RRI-Bukittinggi, intern. mx 1708 2-9, "The Trees," ID 1730; 24 hrs? (Schulze).
- 4910 PERU R. Tawantinsuyo, 2-20 only, 0952 with Andean mx, long ad strings, GMT-4 TCs, prgm "Melodias del Peru" (Wilkins-CO); 3-17 \*0920, apparently now regular here, ex-6175 (JB).
- 4910 ZAMBIA Lusaka, IS \*0342 2-6, NA 0350, EG ID, lang ID, nx, poor (D'Angelo-PA); mx 0352 2-15, EG ID 0358, local mx (Tuchscherer-WI); IDs, mx 0423 1-27, EG nx 0500, poor (Allen-OK); useless 0440 2-6, talks (Jordan); Afro mx 0448 3-1, ID 0450, more talk (VanHorn-FL); 1650 on 2-9, EG talks, Afr folk mx, vernac talk by male at 1700, ID (Schulze).
- 4911 ECUADOR Em. Gran Colombia, clear ID 1120 2-24, but know I hrd VOA IS 1117 (Johnson); 1126 2-18, TC, IDs, F-G sig (Bobb-MN); prgm preview 0155 2-25, nx, LA mx, ads, promos, strong sig (Dickson); 0218 on 2-16, ID, LA mx, TCs, "Mx en Mexico," ID 0230 (Schulze).
- 4915 BRAZIL R. Anhanguera, several IDs, stn promo, sked, fgy, TC, Braz. pops (VanHorn-FL).
- 4915 COLOMBIA Armonias del Caqueta, 1116 2-18, ID, vocal mx, guitars, fair in QRM (Bobb-MN).
- 4915 GHANA Accra, EG nx 2012 2-8, lottery, march mx (Schulze); Afr mx 2250 2-17, chorus, prayer, 2302\*, fair (VanHorn-FL); 2251 3-1, EG nx (Feeley).
- 4920 AUSTRALIA ABC-Brisbane, call-in prgm 1350 2-27 (Cole-CO); nx 1900 2-2, hrd to 2000
- 4920 ECUADOR R. Quito, 0043 2-19, ads, ID, lots of mx, "LV de la capital" slogan (Schulze) (Slagt-W.IND); cowboy mx 0225 2-5, bank ad, nx, TCs, etc (Dickson); at 0420 2-27, trad LA vocals, Banco Nacl ads, s/off after whistling "Indian Love Call" (Sharpe-CA); ballad 0427 2-7, singing ad, jingle, ID, Andean guitars, local QRM (Park-HI).
- 4927 INDONESIA RRI-Jambi, Jakarta nx at 1204 2-20, cmtry, Islamic relig. prgm (but not Koran) at 1230, weak but clear (Wilkins-CO).
- 4930 HAITI 4VEH, "Atraves de la Biblia" 2210 1-17, prgm address in Venes, ID 2230, exc sig (Burnell-NF); in SP 2230 2-4, relig. mx, much talk, interlude of EZL mx, then into FR at 2300 (Jordan); 2345 2-18, non-stop dinner mx, ID, fair-good (Bobb-MN); FR and EG 0000 2-1, "Life in the US," old US R&B (McLemore-LA); EG lang lesson on going shopping at 0019 2-7 (Feeley); mx, FR ID 0035 2-19, local ltrs (Slagt-W.IND); 0052-0102\* on 2-25, choral singing to 0000, ID, brief s/off amnts (D'Angelo-PA); fair in all FR, 0247 on 2-17, relig. talks, hymns, first time hrd in a long time (Palmer-WA).
- 4940 VENEZUELA R. Taracuy, TC 0018 2-28, full ID, folk and ballads, canned IDs, fair sig (VanHorn-FL); old Cuban pops 0030 2-21, ID 0036 (Slagt-W.IND); ID 0120 2-23, varied LA mx, strong sig w/periodic fading (Stanley-AZ); 1053 3-1, ID, mx, ads, fair (Bobb-MN).
- 4945 COLOMBIA Caracol Neiva, 0400 3-1, nx, ID, ads, singing promo, cola ad (VanHorn-FL); ads for Bogota stores 0515 2-15, nx, "Caracol Neiva" ID, TC, banco ad, fair (Dillon-MD).
- 4946 INDONESIA RRI-Bandung, tent. ID 2015 2-9, vy weak, strong noise, deep audio (Schulze).
- 4950 CLANDESTINE Voz de Verdade, 0315-0345\* 2-4, nx, "Rise" by Alpert as theme, ID 0319, nx 0332, OC 0337-0345 (Paszkiwicz-WI); march nx 0322 3-1, Ang, Wash, Nic mentioned, prgm "Noticias" opened with morse word NEWS, closed with same (Hardester-PA); no ID but maybe them, PT man 0330 2-20, mx, xmtr problems, fair (Burnell-NF).
- 4950 SARAWAK Kuching in EG 1506 2-2, talk on wrld economy, UN, Colombian earthquake, maybe a UN prgm; ID 1530, into prgm of light mx (Johnson-CA).
- 4950 PERU R. Madre de Dios, \*1033 2-18 with NA, other martial tunes, man with full ID and fays 1036, into mx nacl; mixing w/unid (Allen-OK); \*1033 2-26, NA, ID, nx, mx (Tuchscherer).
- 4965 BOLIVIA R. Juan XXIII, 0940 1-15, ID and fays on hr, "una voz Catolica, Juan XXIII," prayer, phone conversations, fair with het from Brazil (Allen-OK).
- 4965 BRAZIL R. Poti, 0112 2-27, EZL instr mx, ID 0118 (Tuchscherer); 0141 2-28, non-stop EZL mx, man with talk and ID, poor signal (Bobb-MN).
- 4970 SABAH KK, relig. chant 1130 2-18, YL ID 1207, MoR vocal mx, very poor (Allen-OK).
- 4970 VENEZUELA R. Rumbos, ID 0352 2-20, all talk, some ads, bella, chimes, repeated IDs, fair sig (Stanley-AZ); 1115 2-2, mx, amnts, many IDs, poor w/ute, bc QRM (Vance-CO).
- 4975 TADZHIK SSR Dushanbe, ME mx 0042 1-24, ID 0100, maybe nx, seeming exercises (Burnell-NF).
- 4980 VENEZUELA Ecos del Torbes, 0045 3-4, pops, TCs, LA mx, canned IDs (VanHorn-FL); s/off amnts 0359, ID, NA, 0404\* 2-15 (D'Angelo-PA); 1055 TC, chimes, ID on hr, F-G (Bobb-MN).
- 4990 NIGERIA Lagos, 2141 2-1, EG ID, TC, fair (Carleton); 2251 2-26, cmtry on S.Afr, 2300 ID (Klein); 2302-2307\*, nx, ID, pledge, NA, fair signal (Bobb-MN).
- 4991 PERU R. Ancash, exc sig with folk mx 0942 on 2-12, ID 0953 (Tuchscherer).
- 4990 S. AFRICA R. RSA, EG 0300 2-17, ID, nx, poor signal (Stanley-AZ).

- 4996 PERU R. Andina, 1102 2-24, SP LA mx (Johnson).
- 5005 ER GUINEA Bata presumed, NA 0459 2-16, hi-life mx, talks in SP(?), poor (Brann).
- 5005 NEPAL Kathmandu, poor 2-26 1618, S.Asian mx, armts, ads, local MoR mx (Park-HI); tent. them 1319-1430 3-3, chanting, M&W with armts, no ID, RTTY QRM, poor (Cole-CO).
- 5010 CAMEROON Garoua, hillife, other mx to FR nx at 2200 2-7, Koran 2223, NA, my 1-19 unid (D'Angelo-PA); FR nx 2210 1-12, song, intro lang and trad Afr mx, fair sig (Burnell-NF); 2240 2-21 with AR mx, chants, talk, Afro mx, fair sig (VanHorn-FL).
- 5015 ECUADOR Esc.R.Populares, 0245 2-2, ID 0250, oldie LAs, NA to 0253\* (Dickson).
- 5015 CLANDESTINE R. Truth, lengthy EG talk on S.Afr agriculture, C440 3-1, good (VanHorn-FL).
- 5020 NIGER Niamey, Afr mx, ID, fair 2153 2-1 (Carleton); Afr mx 0248 2-26, FR (Johnson).
- 5020 SOLOMON IS. Honiara, man anncr, EG, mx prgm, poor overall 1228 on 2-15 (Carleton).
- 5025 BRAZIL R. Jornal Transamazonica, "Bon Dia Amazonia" prgm 0723 2-21, campo mx, ads, DJ chatter, VG (Wilkins-CO); unid. ZY 0920 2-7 w/ "How Great Thou Art," fair sig (Bobb-MN).
- 5025 CUBA R. Rebelde, 2310 2-17, SP mx, promo, ID, Cuban mx (VanHorn-FL); rock and Cuban mx 0408 1-23, M&W anncrs, very poor (Park-HI); VG 0436 2-7, w/Fidel himself (Palmer-WA).
- 5030 PERU R. Los Andes, list of names, guitar mx, huaynos, clear ID 1119 2-9, relig.prgm
- 5035 CONT.AFR.REP. Bangul, Afr mx 2244 2-11, weak sig (Carleton). (Dillon-MD).
- 5040 ECUADOR LV del Upano, M&W talking about math at 0150 3-6, ID 0208, rx, GRN (Ervine-TX); 0427 on 2-15, two anthems, full ID with mgrs name, address, then "Song of Joy" to 0434\*, s/off later these days (D'Angelo-PA).
- 5040 VENEZUELA R. Maturin, mx 0350 3-1, full ID with promo, NA 0359, 0400\*, poor (VanHorn-FL).
- 5045 ANGOLA ER de Benguela now here, 2140 2-2, PT ID, local mx, ID 2155, monotonous mx (Schulze); 5043.5, tent. them, ID ment.Benguela 0447 2-24, vibraphone 0458, intern. nx 0500, poor signal (Allen-OK); 5043, unid. prob. this one, M&W anncrs, instr.mx, seemed SP or PT, one day only, 3-1, 0459-0520 (Hardester-PA); 5042, Lobito listed, 0526 on 1-11, ID as "Radio . . .," mx prgm with talk in PT, lost 0542 (Field-MI).
- 5045 BRAZIL R. Cultura do Para, Br.ballads 0135 2-3, love songs, man anncr, good sig (Dickson); unpollished campo and samba mx 0234 2-20, ID by man 0244, ute QRM (Palmer-WA); TC 0713 preceded by gong, man anncr, rock and pops, some EG songs, good on 2-16 (Hardester-PA).
- 5047 TOGO Lome, chime IS 0527 on 3-3, NA, ID, relig.hymn, fading a little, fair sig (VanHorn-FL); Afr pop mx 0540 2-16, ID 0545, fading at 0547, FR (Slagt-W.IND).
- 5050 PERU R. Rioja, hrd 1108 on 1-16, lengthy nx, frequent IDs and TCs, "R. Rioja, una voz Peruana . . .," good sig; and 0639 on 1-19, pops, US hits, IDs by man, good sig. Make that 5045 on 1-16, up to 5049.6 on 1-19 (Allen-OK).
- 5046 INDONESIA RRI-Jogjakarta, ID, local mx, Bahasa Indonesia, 1950 2-9 (Schulze).
- 5050 ECUADOR R. Jesus del Gran Poder, 1122 on 2-9, pops, informativo de HC at 1125, man anncr, ad for Quito store, ID, fading by 1155; fair overall (Dillon-MD).
- 5052 SINGAPORE R. Singapore, EG intern.nx 1545, ID at 1602\*, 2-2 (Schulze).
- 5055 COSTA RICA TIFC, 0443 on 2-7, fair with relig.ballads, address, all SP (Palmer-WA).
- 5055 ECUADOR R. Catolica Nacional, 1108 3-1, M&W anncrs, UTC-5 TCs, several IDs, organ-flute-light orchestra mx, talks with locals, QRM from (presumed) TIFC; fair (Hardester-PA).
- 5055 FRENCH GUIANA Cayenne, \*0900 with "Le Marseilles," ID, nx, good sig in FR (Wilkins-CO); Afro-LA mx 0915 2-12, PSAs by gal, world nx (Park-HI); 1026 2-20, mx, TIFC QRM 1030 (Klein).
- 5055 SWAZILAND TWR, \*0357 2-6, IS, EG ID, into GM, way under TIFC; vy poor (D'Angelo-PA).
- 5060 ANGOLA Tent. listed Huambo, similar to Angola 5041, same time, but not the same; poor to begin with, and bad by 0555 tune-out (Field-MI).
- 5085 UNID. LA (?), 2340 2-21, mx, talks, weak; R. Celendin? (Schulze). They're rptd here.JB.
- 5095 COLOMBIA R. Sutatenza, nx 0120 on 2-27, Philippines, Marcos, etc (Dickson); pop vocals at 0310 on 2-10, full ID 0315, spot IDs 7-10 minutes apart (Jordan); 0425 on 3-1, fair with canned IDs, ads, EZL mx, ID with TC (Van Horn-FL); big promo 1156 2-9, TC, usual CW QRM, fading out by 1211 (Dillon-MD).
- 5200 PERU R. Imagen, 0315-0350 2-23, lively LA and US pops, TCs, man anncr, ads, ID hrd 0349; why is QRM always worse during IDs? (Dickson).
- 5260 KAZAKH SSR R. Alma Ata, guitar-like mx 1640 on 1-16, ID by gal, seeming interview with musician, clas.mx on piano, local mx segue, celeste IS, IDs, //5960 (Park-HI).
- 5275 PERU R. San Juan de Chota, 0148-0200 2-3, several IDs, mx, yelling, etc (Dickson).
- 5288 CHAD R. Moudou, mx prgm on 1-12, 0521-0616, no ID but very good, "best ever" (Field-MI).
- 5500.5 INDONESIA RRI-Biak here, lagu Malayu 0906 2-21, US pops to 0930 Jakarta prgm, nice sig, ex-5451 (Wilkins-CO); 0954 2-4, IS 1030, gal with ID, US pop, fair (Allen-OK).
- 5800 CHINA Urumqi, vocal mx 1118 2-12, into different lang 1130 (Thunberg-PA); in Uighur 1639 on 2-3, "wailing" mx, sither-like xylophone, ID, talk, fair sig (Park-HI).
- 5825 PERU Tent. R. Bolivar, 0950 2-13, no clear ID, vy poor, OA mx, many TCs, Bol.ment.(Allen-OK).
- 5850 CHINA Beijing, in Mongolian 1200 on 2-6, wobbly IS, ID, nx, //5145 (Park-HI). OK.
- 5894 INDONESIA RRI-Pekanbaru, Indo chants 1124 1-28, armt 1130, no clear ID (Allen-OK).
- 5905 USSR R. Vinius, EG ID by gal at 2300 on 2-11, fair sig (Carleton); R/S Rodina, in RS at 0010 on 2-20, mx prgm, into EG at 0031 (Jordan); R. Kiev, EG 0030-0058, world and Ukr nx, talk, "Ukraine Today," poor, //7205 also poor, 2-18 (Dillon-MD).
- 5910 USSR RM, noon Kremlin bells at 0900 1-20, TC, theme, prob. ID, nx, poor (Park-HI).
- 5910 BELGIUM BRT, kg 0035 2-18, mx, talk (VanHorn-FL); talk, recipes, 0110, EG (Levison-PA).
- 5915 USSR RM to LA, SP, 0155 2-6, mx, IS, nx, cmtry, local quality rcpr (Dickson).
- 5930 CZECHOSLAVAKIA Prague, 0123, EG cmtry on Reagan, Philippines (Levison-PA); strong 0140 3-6, Nam svc (Banks-PA); EG 0258 on 2-4, IS, ID, time and fays, rx re Expo-86(Nelson-MD);

- 0300 2-11, EG, TC, IS, ID, nx, "Mx for Your Tape Recorder" (Stanley-AZ); 0300 2-15, nx, //7345 much better (Dickson); IS 0355 2-3, pips, SP ID, poor, very rare here (Park-HI).
- 5955 USSR R/S Rodina, 0250 2-20, poor, part of M5 prgm at 0200-0300 (Palmer-WA); RM at 1711 on 1-13, Dari or Farsi, ID, talk, xmtr problems (Park-HI).
- 5945 AUSTRIA Vienna, very poor in GK 0552 2-3, Viennese mx, IS, multi-lingual IDs, also rare here (Park-HI); 0640 2-15, EG ID, amts, talk about economy, fair overall (Carleton).
- 5950 FRANCE RFI, SF talks about Africa, US, France, etc, exc sig 0040 2-15 (Brann).
- 5955 BRAZIL R. Gazeta, canned ID 0629 2-27, QRM (Wilkins-CO); tent. 0555 1-26, no ID (Field-MI).
- 5955 GOLFIDIA LV de los Centauros, 2-17 0507 w/s/off amnt, Caracol ID, NA, 0509\* (Palmer-WA).
- 5965 ENGLAND BBC WS, 6 experts giving views on falling in love, 1215 2-4 (Bonnet-IX).
- 5970 CUBA Havana, 0332 2-20, FR or Creele to 0357, IS, into EG, annod //6090, 6100, 6140, 6190, 9740; jamming for RFE/RL? (Palmer-WA); 0355 1-26, ID, SP (Park-HI).
- 5970 JAPAN Tokyo, JP 0955 2-17, mx, ID, off, back 1000 in FT, nx, ID (Slagt-W.IND).
- 5974 ECUADOR R. Nacl Cochabamba, very poor 1045 1-24, ID, TC, ads, hvvy Macarena QRM (Allen-OK).
- 5975 COLOMBIA R. Macarena, 100 2-18 with ID, talk, Donald Duck-voice ad, march (Bobb-MN).
- 5975 ENGLAND BBC (UK, not Antigua, per WRTH), talk 2310 3-1 (Smith); clas.mx 0035 3-7, different orchs (Hankins-PA); good 0435 3-4, serious mx, ID, financials, world nx 0500 (Jordan); "24 Hrs" 0502 1-31, 6175 not hrd; fair signal (Park-HI).
- 5976.5 PERU R. Programas, fast nx 1123 2-23, ade; stn or network name? (wilkins-CO).Stn--JB.
- 5980 UKRAINIAN SSR R. Kiev, Ukrainian 2210 2-19, //7150, 7205 good, 11790 poor (Jordan).
- 5980 S.AFRICA R. RSA, 0220 2-9, pop mx, "POB 4559", "Sat Nite RSA", fair, as were //s 6010, 9615 (Dillon-MD); 1-19 0233, "Sat Nite RSA," fair (Park-HI); 0300 2-14, IS, ID, nx, "Economic Review," tourism, fair sig (Stanley-AZ).
- 5980 TAIWAN Voice of Asia, CH lesson in IN 1045 1-31, CC 1050, EG 1100, ID, fair (Allen-OK).
- 5980 USSR RM WS, FE site (Petr-Kamch?), poor in EG 1710 1-21, //5900, 5920, 5950, 6020 (Park-HI).
- 5982.5 GUATEMALA Union Radio, SF relig.nx at \*1051 2-28, frequent IDs, EG ID 1101, "one of the favorite stns in Guatemala" so annod (Allen-OK).
- 5990 ROMANIA Bucharest, EG 0210 2-6, talk on intl matters, ID 0215 (Dickson).
- 5995 AUSTRALIA RA, EG 0833 2-2, nx, prgm on space disasters, mx 0900, fair (Vance-CO).
- 5995 MALAWI Tent. Blantyre at 0400 2-22, Afr mx, possible ID, covered by VOA 0408 (VanHorn-FL).
- 5995 USA VOA-Greenville, 0228 2-28, magazine show, "WW SW Spectrum," good sig (Brann).
- 5995 USA WHRI, IDs, requests for rpts, Christian mx, 1130 on 2-11, good prgm (Cobb-ME).
- 6000 CUBA RM WS, 1213 2-9, strong, site per UHN (Dillon-MD); RM WS, Ulyanovsk per RDI, poor 7228 1-25, nx, pops, //7135 (Park-HI); site uncertain, TM EG 0036 1-7, intl talk (Hankins-PA).
- 6010 S.AFRICA R. RSA, 0153 3-3, IS, ID, NA, EG nx, fair (VanHorn-FL); end of EG nx, FA. 0210 2-22 (Slagt-W.IND); "DX Corner" 0244 1-13, nxbrief, fair sig (Park-HI).
- 6010 ENGLAND BBC WS, "Just For the Asking" at 0851 2-23, poor (Park-HI).
- 6015 NICARAGUA LV de Nicaragua, SP at 0010 2-22, good with LA mx, ID, nx, speeches (VanHorn-FL); SP 0143 2-12, "Nicaragua Today," nx, exc sig (Dickson); SP ID 0500 1-31, then into EG nx, poor signal (Park-HI); very good at 0505 on 2-28, talking, listeners letters but noting that economic condx prevent answering, prgm is "Contact 248" (Hardester-PA); 1130 on 2-13, SP annod, IDs, pops, marimba mx, "nx of the revolution," good sig (Cobb-ME); SP mx 2332, ID by gal at 2336 (Swaringen-NC).
- 6019.3 BRAZIL R. Educadora da Bahia, 0823 2-21, grammar lesson, ID 0839 w/6020, 9515 annod, separable from Gaucha-6020 on LSE (Wilkins-CO).
- 6020 BRAZIL R. Gaucha, 0140 2-10 with TCs, nacl nx, mx, many IDs, QRM light (Dickson).
- 6020 NETH. ANTILLES RN-Bonaire, "Happy Stn" 1102 1-12, poor (Park-HI); "Dutch By Radio" at 1110 on 2-11, grammar lesson, history, profile of DT folk band; 1125\* (Cobb-MF).
- 6020 USSR RM, EG 0120 2-4, talk abt peace, etc (Dickson).
- 6025 ECUADOR R. Illimani, 0245 on 2-23, lively LA mx, TCs, ID 0304 (Dickson); 0902 2-25, ID, plucked strings, flutes, fair-good but QRM on both sides (Bobb-MK).
- 6025 HUNGARY Budapest, 2227 2-22, IS, SP ID, sked, features, fair overall (VanHorn-FL); EG 0200 2-7, nx, some QRM (Dickson); 0320 2-18, fair w/history, pops (VanHorn-FL).
- 6025 NIGERIA Enugu, EG 0704 1-26, nx, thick Afr accent, local items; QRM building (Burnell-MF).
- 6025 SAIPAN KFBS, IN RS 2-19 at 1648, RS ID 1700, address in CA, more RS (Palmer-WA).
- 6030 BRAZIL R. Globo, 0804 2-15, poor w/wake-up show, ads, mx (Palmer-WA).
- 6035 LIBERIA VOA-Monrovia, good 0330 2-2, "Daybreak Afr" prgm, sports, talk, N.Orleans mx (Bonnet-IN); EG nx summary 0331 1-17, "Daybreak Afr," fair sig (Park-HI).
- 6035 USSR R. Tikhy Okean, 0815 2-27 "Govorit Vladivostok" ID, organ IS, correspondents' rpts (Wilkins-CO); 1738 2-19, Mayak over Khabarovsk, EZL mx but RA-Carnarvon QRM on fgy, good lvl but poor overall (Palmer-WA); RM poor 1800 1-26, bells tolling, long NA, ID, IS, nx by M&W, //6080, 6190 (Park-HI).
- 6040 E.GERMANY RBI, in SP 0020 2-22, ID 0025, lengthy cmtry, fair sig (VanHorn-FL).
- 6040 W.GERMANY Dw, EG 0100 on 2-11, TC, ID, nx, "Mike on Europe," "People & Places" (Stanley-AZ).
- 6040 USA VOA-Dixon, morning nx in SF at 1214 2-2, kalb, Pres.Carter, NASA's Moore, poor sig (Park-HI); very good with SF nx 1300 2-2, talk on the constitution (Vance-CO).
- 6044 INDONESIA RRI-Jakarta, vocals 1005 1-22, ID 1028, talk 1030, fair sig (Allen-OK).
- 6045 LIBERIA VOA-Monrovia, 2204 on 2-25, EG world nx (Johnson).
- 6050 ECUADOR HCJB, romantic LA mx at 1920 2-20, ID 1930 (Slagt-W.IND).
- 6050 IRAQ Baghdad, Voice of the Masses, revol.AR songs 0110 2-18, M&W giving nationalistic talks, ID as "Sawt ul-Jamaheer min Baghdad," fair sig (Dillon-MD).
- 6055 FRANCE RFI, EG nx and headlines at 0315 1-28, fair sig (Park-HI).

- 6055 JAPAN NSB, 0732 2-19, JF drama, distinctive prgm tho no ID, better at 1739 (Palmer-WA).
- 6055 SPAIN Madrid, EG wx 0035 2-8, SF rock, //9630 (Swaringen-NC); EG "Panorama" 0040 2-25, then SP-EG lessons (Hankins-FA); EG nx 0100 2-21, SF songs, "Panorama," "Press Rvw," wx, theater rpt, fair (Stanley-AZ); 0105 2-5, EG, VG but Prague QRM; ex-11880 (McLemore-ARGENTINA R. Nacl, fair at 0604 on 2-17, talk, mx, full ID for all outlets at FL). 0608, apparently all carrying //870 MW; audible only for 10 mins during WYFR break
- 6060 AUSTRALIA RA, poor 0756 2-15, IS, amnt, L&L mx, pips, nx (Palmer-WA). (Palmer-WA).
- 6065 CANADA CBC Nq SW Svc, fair with "CBC 940 Montreal" ID at 1236, 2-9 (Carleton).
- 6065 USA WYFR-Okeechobee, fair in EG 0742 1-10, hymns, amnt, TC, //5960 (Park-HI).
- 6070 CANADA CFRX-Toronto, CFRX ID 0022 2-8, CFRX programming, poor sig (Carleton).
- 6070 USSR RM WCNA Svc, Khabarovsk, poor 0740 2-19, EG talk, 0600-0800 DB5 (Palmer-WA).
- 6075 ENGLAND BBC WS, "Nx Abt Britain" and "Radio Nxeel" 0010 2-8 (Swaringen-NC); pop mx 0040 1-7, amnt for nx at 0129 2-26 (Hankins-PA).
- 6080 USSR RM M1R0-1, poor 0747 2-19, RS drama, blocked 0750 by RA co-channel (Palmer-WA).
- 6085 COLOMBIA Ondas del Darien, TC 1930 2-20, ID, ads, local mx (Slagt-W.IND); tent. then 1040 3-4, HJ-style mx, possible ID 1045, more mx, then buried; weak (VanHorn-FL).
- 6085 W.GERMANY Bayerischer Rundfunk, opera 2145 2-26, ID 2200, nx (Thunberg-PA).
- 6085 W.GERMANY DW, EG 0100 2-12, IS, ID, nx, "Mike on Europe," "Germany Today," "Art On the Air" (Stanley-AZ); EG 0117 2-26, nx in NAM Svc, ending 0121 (Hankins-PA).
- 6090 LUXEMBOURG R. Luxembourg, 0040 2-16, exc DJ, rock mx, ID after every song (Slagt-W.IND).
- 6090 USSR RM M1R0-1, Khabarovsk, 2-19 0747, drama, better than //6080 (Palmer-WA).
- 6095 ALASKA KNLS, 0801 2-19, fair after 0800 s/on, prgm sked, "Swingin Years" mx (Palmer-WA).
- 6095 PORTUGAL Lisbon, 0030 2-26, IS, ID, nx, history, fair (Stanley-AZ); NA 0030 2-11, nx, PT mx, fair-good; some Cuba-6100 splatter (Purdue-MN); folk mx 0035 2-5 (Cobb-MF).
- 6100 CUBA Havana, EG sports ending 0116 2-26, then mx, more nx by gal (Hankins-PA).
- 6105 MEXICO "Sus Panteras" at 2216 2-19, lively mx and commercials (Ervine-TX).
- 6110 MALTA R. Mediterran, FR 2141 2-1, pops, into EG 2230, nx, mx, ID (Slagt-W.IND).
- 6115 COLOMBIA LV del Llano, 0240 2-21, EZL mx, TCs, relaxing stuff, IDs (Dickson).
- 6115 JAPAN NSB, oldies 0836 2-28, JP/EG pops 0900 1-30, fair both days (Park-HI).
- 6115 MEXICO R. Universidad de Sonora, Mexican mx 1435 1-11, few breaks, ID on the hr (Johnson-CA); American classics 2155 2-19, ID 2203, classical mx (Ervine-TX).
- 6120 ANTIGUA DW relay, 0510 2-17, very good in EG, 0550\* after GN/EG amnt (Palmer-WA).
- 6120 NICARAGUA R. Zinicca, 0205 2-10, pops, reggae, ballads, mx romantica, no BBC hrd (Paszkiwicz); 0210 2-23, LA, EZL, pops, TCs, ID 0236, strong signal (Dickson); 1115 2-20, jazzy LA songs, "Aqui Nicaragua" ID 1127, strong signal (Klein).
- 6125 E.GERMANY RBT, 0215 2-22, talk abt W.German politicians visiting DDR, strong (Slagt-Afr Svc 0330-0345 2-3, mx, sports, good rcpn, all EG (Bonnet-IN)).
- 6125 PHILIPPINES? AFRTS fair 1022 1-20, army mx, jazz, ltrs to CBS, ID, etc (Park-HI).
- 6130 ECUADOR HCJB, "DXPL" 0726 1-29, poor, //9745, all EG, natch (Park-HI).
- 6130 VENEZUELA R. Valles del Tuy, 1913 2-20, all LA mx, ID after every record (Slagt-W.IND).
- 6135 BOLIVIA R. Santa Cruz, mellow vocals 1025 1-21, many IDs, futbol promo, nx 1042, bella, fair-poor (Allen-OK); mx 1040 1-29, La Paz mentioned, Sta Cruz, but no ID (Field-MI).
- 6135 SWITZERLAND SRI, IS, ID, TC 0200 2-18, nx, fair signal (Stanley-AZ); 0350-0430 2-3, nx, ID, "Dateline," polkas (Bonnet-IN); nx 0200, ID, QRM from RS stn, 2-9 (Dillon-MD).
- 6140 CUBA Havana, nx, sports, ballet talk, mx, mailbag, 0309-0400 1-31 (Bonnet-IN).
- 6145 W.GERMANY DW, EG 0100 2-14, IS, ID, nx, "Mike on Europe," "Spotlight on Modern Art" (Stanley-AZ); poor 0342, jazz, big band mx, //6085 (Park-HI).
- 6150 COSTA RICA R. Impacto, good SP pops, many IDs, 0135 2-28, here ex-6160 (Rigas-IL); EZL mx 0145 2-23, love songs, TCs, several IDs, muy fuerte sig (Dickson); SF 1130 2-24, mellow pops, IDs after every song, fair sig (Cobb-ME); usual strong signal at 1205 on 2-23, LA pops, here to avoid Sandino 6161? (Wilkins-CO).
- 6150 USSR RM to WCNA, poor 0552 2-17; also hrd in RS 0805 2-19 (RS 0800-0900) (Palmer-WA).
- 6154.5 PERU R. Pucallpa, OM chatter 0903 2-4, TCs, IDs, drama 0906, fair till 0920 (Allen-OK)
- 6155 AUSTRIA Vienna, EG 0330 2-19, IS, ID, nx, the economy, fair (Stanley-AZ); EG 0334 on 1-5, Austrian wx report (Feeley).
- 6161.6 NICARAGUA R. Sandino now here, 0900 2-13, ID, M&W talking, poor-fair (Bobb-MN); talk by M&W 0915 2-7, pops, some obscure EG songs, finally ID by gal 1001 (Allen-OK); LA pops 1115 2-23, ID, ex-6200; intending to QRM Impacto (now moved to 6150)? (Wilkins-CO).
- 6165 MEXICO XEW, mx popular 1135 2-20, M&W annrcs, ads, mentions of Mexico (Klein).
- 6165 NETH. ANILLES RN-Bonaire, EG 0245-0320 2-28 (Brann); RNP:N 0250 1-10, fair (Park-HI).
- 6175 ANTIGUA BBC WS relay, nx 0200 2-10 (Dillon-MD); wx and SW, 0130 3-6 (Hankins-PA).
- 6175 FRENCH GUIANA RFI-Montsineri, 1057 2-1, "Journal," pips, nx, all FR, fair (Park-HI).
- 6180 BRAZIL R. Nacl da Amazonia, 0740 2-15, fair, talk, campo mx (Palmer-WA).
- 6180 GUATEMALA LV de Guatemala, 0230 1-24, sports, ID, poor signal (Field-MI).
- 6180 LIBERIA VOA-Monrovia, poor in FR at 0550 2-24, requests, US-Canada info (Park-HI).
- 6180 VENEZUELA R. Turismo, mx romantica 1352 2-14, on Valentines Day (Slagt-W.IND).
- 6185 USA WRNO, "World of Radio" with GH, 0405 on 2-22 (Nelson-MD).
- 6190 W.GERMANY SFE, in GN, ID 1700, nx, fair on 1-12 (Burnell-NF).
- 6190 SWITZERLAND SRI, good with world nx at 2232 2-14 (Carleton); 2238-2253 2-5, talk about SDI, UN, Sri Lanka, good signal (Brann).
- 6195 ANTIGUA BBC WS, EG at 1058 on 2-3, good signal with ID and nx (Carleton).
- 6195 IRA, Baghdad, ID 2145 2-22, AF mx, very good sig (Slagt-W.IND). Till next month, 73/8



# LOG REPORT

## section C

6200 to 11699 kHz

Editor: Peter Drizhal, P.O. Box 663, Oxon Hill, MD 20745

### ON THE WAVE:

As usual, a number of "common" loggings have been omitted. Some of them--like RM and VoA--for reason of premeditated airway glut; others because their listing almost becomes--if I may allow the analogy--cliché. If you don't by now know what stations commonly frequent the corners of 9580 and 9715, for example, then don't worry--eventually you will. If only by osmosis.

Quickly on another point, loggings made in January were also cut, simply because January loggings in an April issue of FRENEX would actually be out of place. After all, LOG C is supposed to be relatively up to date. In plainer terms, for the May 12 deadline, send only (to LOG C at least) April and May catches. If you feel you might miss the deadline, then you'd best send your log strips directly to the appropriate editor--this will give you 3-4 extra days.

- 6230 PAKISTAN RPK 1745\* EG, strong sig; on 2/15 1700 EG nx  
(Schulze 2/11)
- 6348 S. KOREA R.Echo o/Hope 1125 KR, church mx, tx; p (Park-HI 2/2)
- 6555v CLAND. (El Salv) R.Venceremos 0017 SP, Patriotic march mx,  
strident OM & YL (Feeley 2/10) 1348 SP, Liberation mx, anti-  
US comments (Slagt 2/14)
- 6665 CLAND. LV de Alpha 66 0230 SP, tx abt Cuban soldiers w/AIDS--  
brought fm Afr.--& Cuban govt is hiding the facts (Slagt 2/11)
- 6776.5 PERU R.Estrella Polar 0258-0301 SP, all Huayanos, ID 0300;also.  
hrd 2/22 0248-0413\* w/NA (Tuchscherer 2/28)
- 6955 CHINA RB FS 1755 TK/Farsi, Beijing opera mx in disco style;  
s/off; OC to IS 1800 & IDs; W w/nx //7480 (Park-HI 2/12)
- 6974 CHINA NEI MONGGOL PBS 1224 Mng; W w/political sounding tx and  
area music (OTHR, ute QRM) (Park-HI 2/2)
- 7125 JAPAN RJ 1128-1130\* EG, end o/nx, ID, s/off (Thunberg-PA 2/5)
- 7135 FRANCE RFI 0315 EG, world news; fair (Stanley-AZ 2/12)
- 7145 ALGERIA Vo Palestine relay 1750-1825 AR, ID, AR mx (Dillon-MD 2/8)
- 7150 SAUDI ARABIA BSKSA 1825-1845 AR, tx: youth & sports (Dillon-MD 2/8)
- 7160 OMAN BBC WS 1726 EG, "Monitor," "New Ideas" (Park-HI 2/19)
- 7170 IRAQ R.Bagh. 2116-2135 EG, to Euro w/ME mx & tx; ptly jammed  
(Tuchscherer 2/4) 2145-2155 EG, ID, AR mx; f (Trotto-FL 3/2)
- 7195 CLAND. R.Uno 1225 SP, Eden Pastor's radio stn; anti-Sandanista  
pgmg; retrns nx of "15 de Sept" (Slagt 2/14)
- 7215 TURKEY VoT 2130-2155\* EG, ID, DX Corner; \*2200 FR (Slagt 2/22)
- 7220 KENYA VoK 1737 EG, US soul & lcl mx, ID, Christian rel.tx by  
soft-voiced M; 1758 hrd song "Family X-Mas" fol'd by nx. Maybe  
it's Zambia in disguise?(nxing w/unID, lcl QRM) (Park-HI 2/11)
- 7225 KENYA 0515 EG, comments and government denials, etc (Slagt 2/16)
- 7225 TUNISIA RTVT 0440-0515 AR, rel o/Dom.Svc in AR, lively vocals,  
stringed instr. & percussions, ID (WRTH 86), nx 0500 then  
unison singing & group response; f (Jordan 3/2)
- 7235nf Uzkb.SSR R.Tashkent \*1201-1229\* EG, //9600 fr; IS, ID, wld nx,  
1210 lcl instr.mx; comtry on US/USSR peace prospects;p (Jordan 2/11)
- 7270 IRAQ R.Bagh. 2100 AR, pgm interrupted by nx; maybe latest war incident  
(Slagt 2/20)
- 7270 INDONESIA RRI 1240 Indo; IND & Western mx, 1250 ID (Slagt 2/22)
- 7270 UNID. 0115-0150 AR, AR mx and talk (Swaringen-NC 2/8)
- 7270 S.AFRICA RSA 0400 EG, TC, ID, OM w/nx; comment on stability &  
prosperity in SAF, mx: "The Temptations;" fr (Stanley-AZ 2/12)
- 7275 S.KOREA RK 0821 JP, KR lesson (Park-HI 2/4)
- 7295 CHINA RB FS 0931 JP, IS, IDs, freq am's and nx, //7480 (Park-HI 2/3)
- 7315 PAKISTAN VoP 1225 lang?, PK mx, 1230\* 0230 EG, slo speed EG  
svc w/nx, hvy QRM RM at 7320 (Slagt 2/22)
- 7355 GUAM KTRW 1440 CH, CH mx, ID, rel.mx, 1457 IS (Schulze 2/9)
- 7355 USA VoF CH relay 2214-2220 (lang?), Mandrin kitchen;g (Brann 2/5)
- 7375 CHINA RB \*2200 SP, nx, tx: tourism in CH (Slagt 2/22)
- 7380 USSR "Peace & Progress" stn 1230-1235 CH, IS, tx (Bobb-MN 2/6)
- 7425 USA-PIRATE Secret Mntn Lab. 0325-0334\* EG, ID, cntry mx,  
mail drop given (Jones 2/15)

- 7430 GREECE VoG 2207 GR, nx & ment o/Marcos (2/22) 0015 GK, 1cl  
mx, ID 0050 (Slagt 2/19) 0130 EG, IS, ID, nx, GK mx & songs,  
xmsn very wk by 0140 (Stanley-AZ 2/12, also Dickson 2/6)
- 7450 SPAIN REE 2210 SP, nx, Philippines, Iran/Iraq (Slagt 2/23)
- 7455 SYRIA R.Dm. 1907-1932 FR, ID, nx, clasc mx, cmnts abt US forgn.  
policy; poor (Dillon-MD 2/8) Vo Arab Rep. Syria 2030 EG, tx  
aby US aggression against Lybia (Slagt 2/20)
- 7600v ECUADOR HD2 Inst. Oceanografico d.l. Armada 0100, 0310 SP time  
signal stn (Slagt 2/21, Nelson-ND 3/4)
- 9020 IRAN VOIRI 1955-2030\* EG, tx abt plane shot down by Iraqi  
forces, nx 2000 (Slagt 2/20)
- 9375 GREECE VoG 2145-2150\* GK, nx, ID, s/off (Slagt 2/13)
- 9420 GREECE VoG 2210 GK, GK mx, nx 2215 (Slagt 2/15) 0020 lang?  
EZL mx, orch & vocals, on & on w/out ann to 0042 (Hankins-PA 2/28)
- 9455 USA VoA 0225 EG, "Focus," "Wldwide SW Spectrum" (Nelson-ND 2/14)
- 9470 USSR RM 2337-0002 PT, mx and usu. talk (Palmer-WA 2/19)
- 9470 USSR RM/R.Magallenes 0324 SP, Political tx, s/off (what time?  
--ed), celeste IS, guitar mx, W ID "Escucha Moscu"; vibraphone  
IS, IDs "Aqui R. Magallenes"; Andean flutes & W w/tx; M w/nx,  
//9490 (local QRN) (Park-HI 2/3)
- 9490 UkrSSR (Yevpatoria) 2331-2337 SP, Note: Most hobby lit states  
this freq is Nikolayev. But, iss. 40 & 44 o/UHN were devoted  
entirely to USSR xmtr sites. Seems "instalation" at Niko. tnd out to be an  
indutr. facility. Then a huge xmtg site w/discovered on oth/Landsat photos,  
at Yevpatoria, on W-edge o/Crimean peninsula, not far fr/Nikolayev. THIS,  
it is thought, is the one prev. labeled as Niko.. Why the hobby lit.  
continues to use "Niko." is beyond me. (Palmer-WA 2/19)
- 9505 ANTIGUA Deu.W. relay 1016-1019\* EG, (asian service) nx o/W.Ger.,  
sched.details & stn adr., ID; f-g (Bobb-MN 2/19)
- 9515 MEXICO LV Am.Lat. 1250 SP, MX mx, tx, ID, nx 1300 (Cole-CO 3/2)
- 9535 ANGOLA R.Nac. 2100 EG, ID & nx headlines, nx at 2100 fol'd by  
pop mx pgm; fair (Allen-OK 2/1)
- 9545 INDIA AIR 1400 EG, tx: arms nuclear reduction (Field-MI 2/4)  
1454-1500\* EG, nx, fgcs then s/off (Cole-CO 2/6)
- 9545 SOLOMON ISLANDS SIBC 0625-0708 EG, rel.pgm w/mx & tx by man.  
ID 0700. (Giella 3/3)
- 9555 MEXICO La Hora del Observatorio 1255-1400 SP, talking, ads,  
hrd chime & lite F vocals, TC by ancr's; p (Jordan 2/7)
- 9555 UNID. 1405-1540 pres'd AR, misc.tx w/Mid.E sounding instr. &  
vocals, wails, chants, many refs to ".el Arabiya" w/poss. IDs and  
possible news; xmsn spotty; QSB, QRN, QRM (Jordan 2/6)
- 9560 E.GERMANY RBI 0330 EG, ID, nx: conference was held in Managua  
by military to discuss military aid to support their war against American  
backed contra rebels; 0339 f/out; poor (Stanley-AZ 2/13)
- 9560 ETHIOPIA VORE 1506-1521 EG, Rock mx & nx, mx (Tuchscherer 2/5)
- 9560 TURKEY VoT 2235 FR, non-stop tradt'l mx, IDs & freqs 2253, IS  
& EG IDs to start up EG xmsn at 2300 (Weiss 2/5)
- 9560 USA Vo OAS (OEA) 2355 SP, nx 2355, LAm pops at 2357, tx abt  
situation in Haiti (Slagt 2/12)
- 9575 ITALY RAI 0100 IT, IS, ID, nx w/cmtry, no longer EG at this  
time it seems; good (Stanley-AZ 2/20)
- 9575 MONGOLIA Ulan Batras R. 1300 EG, Cmnts & mx, sudden switch over  
to CH, heavy QRM R. Ausies (Slagt 2/20)
- 9575 PHILIPPINES VoA 1728 EG, nx & mx to E.Afr. (Klein 2/26)
- 9575 SPAIN REE 0100 SP, nx: Philip., Nicarg. (Dickson 2/7)
- 9595 ETHIOPIA Vo Namibia \*1858 EG, poor due to RFE. IS & ID heard  
(Rigas-IL 2/7)
- 9595 PHILIPPINES R.Veritas 1529-1548 lang? tx, wk sig. (Tuchscherer 2/24)
- 9605 NORWAY RNR 0000 EG, IS, ID, wld nx, f/out 0010; poor (Stanley-  
AZ 2/24) 0030 EG, freq checks, rel.pgm; fluttery (Purdue-MN 2/24)
- 9605 VATICAN VR 0100 EG, drama, "News Desk" 0105 (Hankins-PA 3/4)
- 9620 GERMANY RBI 0001 SP, wld nx, IDs, cmntry (Levison-PA 2/18)
- 9625 CANADA CBC NQ svc 1411 EG, "The House" pgm (Carleton 2/15)
- 9625 SWITZERLAND SRI 0200 EG, nx, Dateline, //9885 (Zilmer 3/3)
- 9630T SYRIA R.Dm. 1320-1350 pres'd TK, talks, chants, vocals plus  
strummed instr. w/percussion (Jordan 2/6)
- 9645 AUSTRALIA RA 0958 IN, Gamelan mx, ann's, C&W mx (Park-HI 2/6)
- 9655 NORWAY RNI 1600 EG, Norway Today, //11850 (Zilmer 3/2)
- 9664a N. KOREA KCBS 1635-1705 KR, usu. mx b/some w/lighter sound than  
typically. No interrupt.til yl at 1700 (Sharpe-CA 2/24)
- 9670 EGYPT R.Cairo 0200 EG, AR mx, nx 0215, comments on oil price  
drop and measures to be taken (Slagt 2/14)

- 9670 ENGLAND BBC WS 0300-0330 EG, tx: Shuttle disaster, Rpt on the PLO, Brit.nx, mx, Passages read from a book on people's lives (Where else but on the BBC?--ed) (Bonnet-IN 2/2)
- 9684 TANZANIA RTN 1543-1630 EG, Drama til ID at 1558, nx, then pgm of class orch.mx; fair to poor (Allen-OK 2/16)
- 9700 BULGARIA R.Sofia 2314 EG, freqs, DX News (Zilmer 3/9)
- 9700 CHINA RB FS 0900 EG, M listing CH top 10 athletes, "Listeners Letterbox," spur on 9715, //11755 (Park-HI 2/18)
- 9700 DOMINICAN REP. R.Santiago 2214 SP, Comercials & nx relayed from R.Comercial on MW 1010 (Slagt 2/13)
- 9710 SWAZILAND TWR 1843 EG/lang, ID into rel.pgm (Uubundu per WRTH) co-chan.het--fair (Park-HI 2/13)
- 9710 USSR RM 0059-0106 SP, IS, bells, ID, wld nx; this freq not listed anywhere so site unknown; poor (Dillon-MD 2/18)
- 9720 GUAM KTRW 2112 JP, IS, ID, rel.pgm (Local QRM) (Park-HI 2/11)
- 9720 UNID. 0041, Clasc.mx. poss.in AR, long periods of talk by M & F annrcs betw.mx (Johnson 2/25)
- 9730 CHINA RB 1430 EG, Discussion o/Budha, Mozart play (Cole-CO 2/28)
- 9760 AUSTRALIA RA 0818 EG, "Australia County Style" (Park-HI 2/5)
- 9760 PHILIPPINES VoA 1130 EG, "Country Sunshine" visiting Country Music Hall of Fame & Museum in Nashville; fr (Park-HI 2/28)
- 9770 AUSTRALIA RA 1230-1300\* EG, pop mx, //9580 & 6060 better (Cobb-ME 2/15)
- 9780 USSR RM WS (Nikolayev'Amure--RDI) (See 9490 for likely correct site: Yevpatoria... however, your editor is always open to "re-corrections"--ed.) Tx on military vets who paint as a hobby and support Gorbachev-style peace simultaneously! (LRC is also open to editorial commenting!--ed.) (Park-HI 2/18)
- 9790 ALBANIA RTR 0100-0200\* SP, s/on "Habra Tirana"(ID), nx, Editorial "Haitian Struggle" (Slagt 2/22)
- 9835 HUNGARY Radio BUD 0105 SP, Congress Labor Union, interview with Argentine's Labor Leader (Slagt 2/22)
- 9840 KUWAIT R.Kuwait 0420 AR, mx, ID 0430 (Slagt 2/21)
- 9860 ECUADOR HCJB 0500 SP, "Alpha y Omega" rel.pgm (Slagt 2/21)
- 9860 ISRAEL KI 2230 EG, nx, Israel Mosaic, DX Corner, barely audible //9815, 9435, 7410; sio 121 (Zilmer 3/2)
- 9870 ECUADOR HCJB 0049 EG, Comic pgm into rel.story (Hankins-PA 3/7) 0230 EG, "DX Partyline." news (Nelson-ND 3/4) 0330-0400 EG, "Open Door" pgm, tx on dreams people have--M&W sing 6 numbers abt this; (Six?! "You had to be there" kind of deals, right?--ed.) Dr. Holiday talks on the subject: one should be careful in interpreting dreams (Bonnet-IN 2/7) 0636 EG, "DX Partyline" (Carleton 2/15)
- 9880 KUWAIT RK 1845 AR, AR mx, ID 1850 (Slagt 2/20) 1852-1907 AR, 1cl mx, ID by OM "Min Al-Kuwait," nx, fading, //9840 (Dillon-MD 2/8)
- 9905 GREECE VoG #2300 PT, nx, tx: "anti-earth quake construx in GR"(Slagt 2/19)
- 9905 QATAR QSB-Doha 2055-2131\* AR, Drama, int'l nx; f (Allen-OK 2/16)
- 9925 BELGIUM BRT 0040 EG, tx: art auction, book review, folk mx (Thunberg-PA 3/5) 0045 EG, pop mx; fair (Hankins-PA 3/7)
- 9935 GREECE VoG 0020 GK, ID & GK mx, nf for NA. Concerning the 11645 logging in Mar 86 iss, the stn gives the ID as follows: "Edo Athine, Elliniki Radiophonia Tileorassi, I Foni tis Elladas." EG xlation: "This is Athens, Greek Radio and Television, The Voice of Greece." Hope this helps. (Yep.--ed.) (Rigas-IL 3/7) 0130 EG, nx: Iran charged Iraq w/using chemical weapons in recent fighting; GK mx & songs; fluttery; fair (Stanley-AZ 2/13)
- 9950 SYRIA Syrian Bdcast and TV 2200 AR, AR mx, ID 2205, poetry (2/15) R.Damascus 2320 SP, nx, ID 2325 and AR mx (Slagt 2/21)
- 9985 SWITZERLAND SRI 2103 EG, nx, cmtry on oil prices (Weiss 2/4)
- 9998 USSR R. Peace & Progress 0110 PT, tx o/US military invasion on Grenada; QRM by time sig stn 10000 (Slagt 2/22)
- 10040 VIETNAM VoV 1108 SP, nx, some anti-US items; p (Park-HI 2/5) 2010 SP, ID, tx abt tour made by LAM students to VT (Slagt 2/20)
- 11585 ISRAEL KI 2026 lang? clasc.mx, fine orch.mx (Hankins-PA 3/2)
- 11605 ISRAEL KI 2023 EG, pops in EG, DX Corner 2024 (Hankins-PA 3/2)
- 11620 INDIA AIR 2025 EG, mx at 2030 Sportsnews, Hockey between India and Pakistan (Hockey?!! Speaking of which... your editor is a maaajor hockey fan, and at the time of this writing the Washington Capitals and Philadelphia Flyers are elbowing each other for first place... so if I seem a bit distracted... um... where was I?... oh, yea, LOG C here to finish...) (Slagt 2/22)
- 11699.6v DOMINICAN REP. R.Clarin 1130-1155 SP, mostly SP pops, 1 break w/M annrc w/ID, fgcys; unstable xmsn (Cobb-ME 2/4)
- 11790 INDONESIA Vo IN 1640-1654 AR?, nx, ID, NA (Cole-CO 2/17)
- 11793 UNID. 1455-1510+ lang? noted carrier here before but 1st time for audio. (Hardester-PA 3/1) (See 11790 for poss.ID--ed) ///Till nxt, pmd.



# LOG REPORT

## section D

### 11700 and above

Editor: Wallace C. Treibel, 357 N.E. 140 St., Seattle, WA 98108

- 11705 SWEDEN RSI in EG 1400, mx, views, and features, repl 9695 & 15345, f (Zilmer NM) s/on in several lang 0228, chimes mx, f-g (Hankins PA 3/3)
- 11705 FRANCE RFI in EG 1600, ID, "Paris Calling Africa", f (Stanley AZ 2/14)
- 11715 CUBA RHC in SP 0115, commemoration of death of Nicaraguan hero (Slagt 2/22)
- 11720 CANADA CBC NOS in EG 1940, ID, rock mx, "Tears for Pears" (Nelson ND 2/16)
- 11720 BULGARIA R. Sofia in EG \*1930-1936, ID, anmnts, mx, to Europe (D'Angelo PA 2/22)
- 11735 NORTH KOREA R. Pyongyang in EG 2305, mx of Communist countries, martial mx, sked (Weiss OH 2/1, Park HI 1/15) in SP 0020, tlks, ID 0005, f-p (Jordan PA 2/7)
- 11735nf USA KCRB Dallas in EG 1805, relig pgm (Nelson ND 3/3) also in EG 2020-2134, ID, "World of Radio" on R. Veritas' role in P.I. unrest, exc (McLemore FL 3/7)
- 11735nf ZANZIBAR RTZ in SH 1708-1815\*, mostly AF mx, strident tlk, IS 1800 & 1812, ID, pulsating drums, overmodulated (Paszkiewicz WI 3/1, Tuchscherer WI, Park HI)
- 11740 KENYA VOK in EG 1857, E AF mx, ID, mx, hair creme ad, UK pops, p (Park HI 2/16)
- 11745 ECUADOR HCJB in EG 2142-2159, "DM Party Line", f (Brann MD 2/5)
- 11760 PHILIPPINE IS. VOA relay in EG 2030, "VOA Jazz Show", p (Park HI 1/15)
- 11765 BRAZIL R. Bras in FR 2000, soft IS, ID, fqys & addr, mx, p (Park HI 2/25)
- 11770nf USSR R. Moscow in EG 1756-1800\*, "Audio Book Club" (McLemore FL 2/1)
- 11785 USSR R. Tashkent in EG 1210, cmtry on progress in Afghanistan (Slagt 2/14)
- 11785 BRAZIL R. Gualiba in PT 0332-0410, mx, phone interview, tlks, ID (Jordan PA 2/10)
- 11785 ANTIGUA DW relay in SP 0200-0330\*, ID, tlks, mx (Dillon MD 2/23, Jordan PA 2/10)
- 11785 EGYPT R. Cairo in AR 1344-1405, drama, AR mx, chimes, ID, mx (Dillon MD 2/23)
- 11793 COLOMBIA R. Diff. Nac. in SP 2035, ID, "Colombia Internacional" (Slagt 2/20)  
ED: Apparently this is returning to an old freq used last about 2 yrs. ago.
- 11795 WEST GERMANY DW in GM 0035, dance mx, tlk by M, no ID, IS, exc (Hankins PA 2/27)
- 11795 CUBA RHC in EG 1832, ID, pgm anmnts, g (Carleton 2/15)
- 11800 SRI LANKA SLBC in EG 1745, tlk re Indian support for terrorists (Burnell NF)
- 11800 ITALY RTI in IT 1831-45, IS, ID, mx, sports(?), g (Palmer WA 2/23)
- 11805 BRAZIL R. Globo in PT 0005-0135, ID, jingles, ads & promos, tlks, phone interview, mx (Van Horn FL, Dickson OH, Vance CO, Palmer WA)
- 11805 USA WOFC Taiwan via WYFR in FR 2040-2055, traditional & pop CH mx, tlks, ID (Weiss 2/4) in EG 2101, tlk re the Luna Year, QRM R. Globo (Schulze W. Germany)
- 11805 PHILIPPINE IS. AFRYS relay in EG 1837, M.L. King speech, f (Park HI)
- 11810 SOUTH KOREA RK in EG 0200, IS, ID, mx items, f/o 0220 (Trevor AZ 2/19)
- 11810 SEYCHELLES FEBA in SH 0311, IS, ID's, local relig pgm, p (Park HI 2/3)
- 11820 ASCENSION IS. BBC relay in EG 2132, BBC calling Falklands (Park HI, Hankins PA)
- 11840 USSR R. Moscow in EG 2010-2033, mx, features, propagand (Hankins PA, Nelson ND)
- 11850 NORWAY RNI in EG/NO 1600, "Norway Today", mx, views, //9655, f (Zilmer NM 3/2) also in EG/NO 1658-1729, IS, ID's, mx, all NO after 1700, mx, sports (Palmer WA)
- 11855 BRAZIL R. Aparecida in PT 0120, pop mx, ID, f (Van Horn FL 2/22)
- 11865nf USA World Harvest Radio in EG 1900, ID, "Success" pgm, exc (Carleton 2/8)
- 11870 JAPAN RJ in EG 0015, mx, current affairs, Japan scene, repl 9645 (Zilmer NM 3/3)
- 11895 SEYCHELLES FEBA in HD 1420, mx with US & FR singers, ID (Slagt 2/23)
- 11900 SOUTH AFRICA RSA in DT 1705-1728, interview, mx, editorial, songs (Park HI 2/25, Slagt 2/20) in EG 2110, ID, pgm about flora, g (Carleton 2/9) in FR 0505-0523, breezy tlk between AF pop vocals, ID's, xsmn to Africa (Jordan PA 2/6)
- 11900 USSR R. Moscow via Vladivostok in RS 1932, co-channel w/RSA (Palmer WA 2/18)
- 11910nf? PORTUGAL RDP in PT 1935, xsmn to AF, PT mx, off 2002, g (Palmer WA 2/22)  
ED: WRTH lists 11915 for this xsmn. RDP must have moved back 5 khz to escape QRM
- 11910 ECUADOR HCJB in SP 0137-0157, theology discussion, ID, pop mx (Dillon MD 2/23)
- 11910 AUSTRALIA RA in EG 0435, intern'l & local mx (Slagt 2/21)
- 11915 BRAZIL R. Gaucha in PT 2350-0120, mx, ads, ID's, mx (Slagt 2/22, Palmer WA 2/13)
- 11920 PHILIPPINE IS. VOA relay in EG 1742, "Now Music USA", f (Park HI 2/25)
- 11925 BRAZIL R. Bandeirantes in PT 0022-0221, wild sambas & carnival mx, pips 0030, sports, ID & address 0220 (Palmer WA 2/17, Dickson OH 2/4)
- 11930 USA R. Marti via Greenville in SP 2040, pgm anmnts & fqys, exc (Slagt 2/20)
- 11945 CANADA RCI in EG 2140-2200, rept on wx damage, features, g (Bonnet IN 1/31)
- 11955 UNITED ARAB EMIRATES R. Dubai in EG 1605, pgm re religion (Carleton 2/14)
- 11955 SWITZERLAND SRI in EG 1830, ID, "Dateline", f (Carleton 2/15)
- 11990 TUNISIA RTVT in AR 1950, AR mx, ID after each record (Slagt 2/16)
- 11990 KUWAIT RK in AR 1656, AR mx, mx(?), g sig 5-9+10 (Slagt 2/20)

- 11995 FRENCH GUIANA RFI relay in SP 0107-0122, nx, feature, ID, f (Dillon MD 2/23)
- 12015 OUTER MONGOLIA Ulan Bator in EG 1220, ID, heavy RITTY (Slagt 2/14)
- 12085 SYRIA R. Damascus in EG 2100, nx, Charleston mx, g (Slagt 2/22)
- 15010 VIETNAM VOV in FR 1845, heavy QRM, ID, sudden s/off 1853 (Slagt 2/20)
- 15100 CHINA R. Beijing in SkP 2333-0005, IS, ID, nx, //15225 to 2356 (Palmer WA 2/14)
- 15105 USA WRII World Harvest R. in EG 1510, relig message, ID (Bobb MN 2/24)
- 15115 GUAM RTWR in EG 0820, "Thru the Bible" & "Insight", p (Park HI 2/5)
- 15135 BULGARIA R. Moscow via Plovdiv in EG 1400, ID, nx, f (Dillon MD 2/15)
- 15135 WEST GERMANY DW in EG 1531, "Farmer's Forum", g (Carleton 2/15)
- 15135 BRAZIL R. Record(t) in PT 2350, sports pgm, ads, splatter QRM, p (Palmer WA 2/16)
- 15140 USSR R. Moscow in EG 2230, "Science & Engineering" pgm, QRM Chile (Weiss 2/3)
- 15140 CHILE R. Nacional in SP 0050, ID, soccer game (Dillon MD) in SP/EG 0124, ezl mx, tlk re Antarctic base (Dickson OH) in SP 0235, US & local pop mx (Park HI) in SP 1655, intern'l mx, editorial, ID (Slagt 2/13) in SP 2331, LA songs, g (Bobb MN)
- 15150 NEW ZEALAND RNZ in EG 2000, ID, nx, wx, contest winners, mx, f (Stanley AZ 2/17)
- 15160 ECUADOR HCJB in SP 1800-1859, recorded symphony, tlks, ID (Bobb MN 2/24)
- 15170 SOCIETY ISLANDS R. Tahiti in FR 2325-0118, Polynesian mx, nx, ID, rock & pops, FR folk mx (Slagt 2/2, Dickson OH 2/27, Levison PA)
- 15185 USA WINB Red Lion, Pa. in EG 2030, ID, "SW Radio Church" (Nelson ND 2/20)
- 15195 JAPAN RJ in EG 0200, ID, nx, economic cmtry, "Japan Scene", f (Stanley AZ 2/22)
- 15200 FRENCH GUIANA RFI relay in SP 2327, arts & mx pgm, QRM 15195, f (Park HI)
- 15220 TURKEY VOT in TR 1541, local mx w/very little vocals (Levison PA 2/21)
- 15225 CHINA R. Beijing in SP 2333-2356, Mexican campesino mx, tlk on China's mountains CH mx, short theme mx before s/off, //15100 (Palmer WA 2/14)
- 15235 LIBYA R. Jamahiriyah in AR 1719-1748, nx, ID, g (Dillon MD 2/8)
- 15235 JAPAN RJ in EG 2300, IS, ID, TC, nx, polit & econ cmtry, f (Stanley AZ 2/14)
- 15245 ZAIRE LV du Zaire in FR 2208, pop mx, g until HCJB s/on 2230 (Thunberg PA 2/27)
- 15260 ASCENSION IS. BBC relay in EG 2142, "Concert Hall", nx, f (Park HI)
- 15260 CANADA RCI in EG 1824, "Spectrum" reptg on Expo 86 & forest indus (Park HI 2/21)
- 15265 QATAR Al Khaisah in AR 1406, mid-east mx, weak sig, f (Carleton 2/14)
- 15270 ECUADOR HCJB in EG 2130, ID, "Music in the Night" (Nelson ND 2/23) relaying R. Nacional in SP 2159, HCJB ID in EG, "Darth Vader's Theme" intro nx (Park HI)
- 15290 PHILIPPINE IS. VOA relay in EG 0032, nx, polit & econ cmtry (Jordan PA 2/28)
- 15295nf USA WINB Red Lion, Pa. in EG 1625, Christian instrumentals, relig pgm (Palmer WA)
- 15305 NORWAY RNI in EG 1400, "Norway Today", nx & views, f (Zilmer NM 3/4)
- 15310 ITALY RAI in IT 1400, nx, mx, //17715, p (Zilmer NM 3/4)
- 15315 NETHERLANDS RN in DT 0115, reminiscing the 30's, interviews (Slagt 2/22)
- 15320 AUSTRALIA RA in EG 2300, TC, IS, ID, nx, "International Report" (Stanley AZ 2/26)
- 15335 MOROCCO(t) RTM in AR 1410, mid-east mx, g (Carleton 2/14)
- 15345 SWEDEN RSI in EG 1411-1428, ID, spec on killing of PM (Trotto FL 3/1, Carleton)
- 15350 PHILIPPINE IS. FEBC in EG 0826, "The Hobby of Kings" stamp pgm, ID (Park HI 2/8)
- 15350 LUXEMBOURG RL in EG 1413, pop & rock mx, p (Carleton 2/14) in FR 1710-1801, pop vocals, tlk, mx headlines, ads, jingles, listener interviews, f-g (Jordan PA 2/6)
- 15350 JAPAN RJ in JP/EG 2220, mx, ID, into SP xmsn 2230 (Weiss 1/22)
- 15355 ANTIGUA DW relay in GM 2041, opera mx, waltz concerto, f (Park HI)
- 15400 ASCENSION IS. BBC relay in EG 2004, world mx, "24 Hours", QRM VOA 15410 (Park HI)
- 15405 VATICAN STATE(t) VR in SP 1422, religious tlk (Carleton 2/14)
- 15405 MARIANA IS. KYOI Saipan in EG 0155, ID, rock & pop mx, deep fades (Stanley AZ)
- 15425 USSR Petropavlovsk relay RM in EG 2325, "Home in the USSR", cmtry on US foot-dragging on disarmament (Palmer WA 2/24) in EG 0350, interview of Sen. Kennedy-sounded dubbed & edited, ID, QRM jamming (prob. their own!) (Park HI 2/10)
- 15430 MEXICO RMI in SP 0055, lively Mexican mx, TC's, D's, g (Dickson OH 2/18)
- 15445 PHILIPPINE IS. FEBC in EG 2317, relig tlk, mx, pipe, ID 2330, p (Thunberg PA) also in EG 2307, "DX Dial", organ seqce, relig readings, f (Park HI 2/1)
- 15445 LIBERIA VOA relay in EG 1742, "Now Music USA", top 10 singles, p (Park HI 2/6)
- 15455 USSR Petropavlovsk relay of RM in EG 2318-2325, interview of Gus Hall (Palmer WA)
- 15475 USSR Nikolayev relay of RM in EG 1328-1400, "Soviet Way of Life", nx in brief, tlk on US Pacific Basin policy, mx, ID, vg (Dillon MD 2/15)
- 15475 GABON Africa #1 in FR 2225, Afro vocals, ID 2230, mx, accents, g (Van Horn FL 3/1)
- 15476 ANTARCTICA R. Arcangel San Gabriel in SP 2319, LA pop mx, ID in FR, GM, EG & SP, SP religious pgm at 2345 (Slagt 1/25)
- 15570 USSR R. Moscow in EG 2328, test tones & filler mx, ID, nx, "Focus on Asia" (Park)
- 15570 SWITZERLAND SRI in EG 1315, "Dateline", f (Zilmer NM 3/5) in FR 1429 (Carleton)
- 15585 USSR R. Moscow in EG 1528, "Youth Parade", f (Carleton 2/15)
- 15590 BELGIUM BRT in EG 1300, sports results, mx, vocals, fqys (Levison PA, Carleton)
- 17565 GREECE VOG in GR/EG 1510-1551, GK vocal & instr mx, ID's, nx, //15630, f-g (Jordan PA 3/1, Zilmer NM 3/5)
- 17595 MOROCCO RTVM in AR 1505-1601, ID, list of names, live concert, interviews, f (Dillon MD 2/15) also in AR 1645 w/mid-east mx, ID 1645 (Slagt 2/13)

- 17605 NETHERLANDS RN Flevo in EG 1841, Happy Station pgm, mailbag, f (Brann 2/16)  
 17700 USSR R. Moscow F.E. in EG 2331, feature on US-USSR writer's conf (Park HI)  
 17705 NEW ZEALAND RNZ in EG 0000, pips, ID, local mx, "Grandpa's Place" (Stanley AZ)  
 17715 AUSTRALIA RA in EG 0402, sporting service, cricket, horse races, p (Park HI)  
 17725 PORTUGAL R. Free Europe in PL? 1425, mx, tape of Pres. Reagan, ID "Radio Sloboda"  
 annod twice, chimes 1459, US pop mx at 1625 on (Hankins PA 3/7)  
 17730 VATICAN STATE Vatican R. in EG 1530, relig mx, Pope's message, f (Zilmer NM 3/5)  
 17750 AUSTRALIA RA in EG 0312, "Talkback" DM show now on Fri/Sat, p (Park HI)  
 17780 SOUTH AFRICA RSA in EG 1433, "Economic Round-up" pgm, f (Carleton 2/14)  
 17795 AUSTRALIA RA in EG 2200, ID, mx, "Intern'l Report", mx, g (Stanley AZ, Sharpe CA)  
 17810 JAPAN RJ in EG 0100, ID, mx, "Current Affairs", tlks (Stanley AZ, Sharpe CA 3/5)  
 17815 BRAZIL R. Cultura in PT 1830-1905, mellow pop mx, ID, deep fades, p (Cobb ME)  
 also in PT 2320-2340, varied mx, mention of Sao Paulo, f-p (Bobb MN 2/13)  
 17825 USSR R. Moscow F.E. in EG 0232, "Culture & the Arts", USSR peace init. (Park HI)  
 17860 USSR R. Rodina in RS 2340-0020, RS pop & folk songs, piano mx (Sharpe CA 3/3)  
 17870 LIBERIA VOA relay in EG 1910-1925, "African Panorama", mx, ID, skeds (Cobb ME)  
 17875 CANADA RCI in EG 1954, G. Hauser's "SNLers Digest", p (Park HI 3/1)  
 17895 SAUDI ARABIA BSKSA in lang? 1405, AR mx, no ID, QRM from Morocco (Slagt 2/14)  
 20000 USA WNV at 1900 w/time check and ID in EG (Feeley GA 2/11)  
 21480 MADAGASCAR R. Nederlands relay in EG 1153, "Shortwave Feedback", p (Park HI)  
 21525 USA WYFR Family Radio in FR 1844, relig pgm, ID, f (Palmer WA 2/18)  
 21540 EAST GERMANY R. Berlin in EG 1408, beamed to SE Asia & Pacific, sked (Slagt 2/14)  
 21605 UNITED ARAB EMIRATES R. Dubai in AR 1415, Moslem praying & mx (Slagt 2/14)  
 21660 ASCENSION IS. BBC relay in EG 1702, mx, focus on Africa, exc (Brann 2/6) also in  
 EG 1420, variety pgm, tlk on women in industry (Hankins PA 3/7)  
 21685 NETHERLANDS ANTILLES RN relay Bonaire in EG 1854-1925\*, ID, interview on role of  
 women in ancient Egypt, "Dutch by Radio" (Palmer WA 2/18) also in FR 1947-2004,  
 current affairs pgm, remotes from Chad, Haiti, no ID (Palmer WA 2/14)  
 21725 VATICAN STATE VR in SP 1400, s/o with Venezuelan mx, mx, tlk about trip of Pope  
 to India (Slagt 2/14)

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#### NOTICE

According to information received from Joe Hanlon of Philadelphia, the Pirate Freak Broadcasting Service will conduct a test transmission to North America at 0400 to 0500 GMT, April 13, 1986 on 6310 kHz. The power will be 100 watts. If you can QSL this test, Joe suggests that you write to Andreas Comte, Fillerdamm 36, D-2838 Sulingen, West Germany who will probably be able to forward your reports.



# FRENDX LOG REPORTERS

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Here we are at the end of another month and as promised, all loggings that were received after I closed out the March Column early, have been forwarded to the respective Editors.

For those of you who may not have already seen or received information slips, Mr. Fred Osterman of Universal Shortwave (1280 Aida Dr., Reynoldsburg, OH.43068) is putting together the Second Edition of the "DXer's Directory", this publication, in its 1985 Edition, contained over 800 Listings of DXer's and information on over 100 Radio Clubs.

Hopefully this Second Edition will be even bigger than the last. Those of you who may be interested in being included, please drop Fred Osterman a note asking for a DXer's Directory form, please be sure to include an SASE as well, for those of you who have not seen the Latest Catalog from Universal Shortwave, simply send off \$1.00 US Currency and Fred's group will send one off to you, the dollar is refundable on first purchase. This Catalog is chock full of Goodies for the Casual or Serious DXer. I'm sure you will find anything and just about everything you could want in his Catalog, and if you don't see it, just drop a line to Fred and he will do his best to give you help in locating what it is you might want. He also publishes a fine "Used Equipment List" on a regular basis and at substantial savings to the buyers of Used Equipment.

The Warmer weather seems to be on its way, although we here in the Northeast have been experiencing a rather mild winter, however the Solar Flares are raising havoc with the radio signals, rather badly on occasions. Hopefully we will have good conditions for listening for a few more months yet. Keep those loggings coming, they are what makes this Publication what it is today.

*Best  
John*

NO COLLECT CALLS, PLEASE, UNLESS SO STATED.

FOR SALE: Sony ICF-2001, \$95.00; Sony ICF-6700W, \$175.00. Prices include shipping. Customized Beam Headings (from/to) and Distances (MI/KM) to over 355 WRTH transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$6.00. Gilfer's Confidential Frequency List, 5th edition; Guide to RTTY Frequencies, 2nd edition; FRENDX complete 1984-1985. \$5.00 each. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

WANTED: Cassette recording of the ABC/Ray Briem Show concerning SWL and DXing. I will supply cassette. Scott Nelson, P.O. Box 321, Parshall, ND 58770.

FOR SALE: Electronic Research Corp. Active Audio Filter with low and hi pass filters, bandpass filter, and notch filter. Great for DXing and in good condition. \$15.00 plus UPS shipping. ALSO: Sanyo battery cassette recorder in good condition. Good spare recorder, \$5.00 plus UPS shipping. Steve Kennedy, P.O. Box 402, Waverly, TN 37185-0402. Phone (615) 296-1897 daytime (home) or 296-2456 nights Mon.-Wed. and Fri. 0100-0600 GMT.

FOR SALE: Hammarlund HQ-180-AX (180-A with 11 crystal positions on front panel in place of clock). Like new. Still has most of original Hammarlund tubes in it! With manual, \$300.00 or best offer. ALSO: Hammarlund HQ-129-X in very good condition. All capacitors replaced. Works well. With schematic, \$100.00. Tom O'Hare, 20023 84th West, Edmonds, WA 98020. Call prepaid (206) 778-3668.

FOR SALE: Drake SPR-4 with speaker, \$225.00. Sony 2010, \$225.00. McKay Dymek DA100 active antenna, \$75.00. WRTH 1981-1985, \$8.00 each. FRENDX 1983-1986, \$20.00 complete. Telex and Yamaha headphones, \$12.00 each. Misc. shortwave books, \$5.00 each. Please ad shipping. Dennis W. Tuft, 12884 Eveleth Avenue, Apple Valley, MN 55124. Phone (612) 432-6020.

WANTED: Technical literature is greatly needed for the RCA WO-91B Oscilloscope for classroom use. Send particulars to Mr. J. Sheldon, Instructor, Electronics Dept., Oak Ridge High School, Providence Road, Oak Ridge, TN 37830.

FOR SALE: Radio Shack DX-360 micro-portable, \$45.00. Bearcat BC-300, \$200.00. Regency HX-1000 handheld, \$150.00. All scanners in excellent condition. Andy Robins, WMUK (FM), Western Michigan University, Kalamazoo, MI 49008

FOR SALE: Sony ICF-2002 in excellent condition with owner's manual, Gilfer case, and AC adaptor. \$175.00 or best offer. Dustin Brann, 12211 East 58th Terrace, Kansas City, MO 64133. Phone (816) 356-2947 between 2100 and 0100 UTC. If you get the recorder, please leave message.

FOR SALE: ICOM R70 receiver with FL 44 A filter, \$450.00. ALSO Uniden CR-2021 digital portable receiver, \$75.00. James G. Herkimer, 3255 South Drive, Caledonia, NY 14423. Phone (716) 538-4868.

FOR SALE: Wife says either some of this gear goes or I do. It's tempting, but I guess I need to get rid of the following: U.S. Navy AN/SRR-13A receiver, 2 to 32 MHz, 110 v ac. Built by RCA in the mid-1950's and employs plug-in modules for easy repair. Has gobs of mechanical filters. In gray case, 17" w x 8" h x 16" d and it weighs 69 lbs. I have one that works great, one that works not so great, and a third one with a bad power supply but good modules. I want to unload all three, complete with instructions and repair manual. Make me an offer I can't refuse. WANTED: Space Spanner or Star Roamer receiver or something of equality. Harold Cones, 2 Whits Court, Newport News, VA 23606.

FOR SALE: Kenwood R-2000. Six months old, \$395.00. Would consider portion in trade. H.C. Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073

WANTED: 1947-58, 1960-64, 1966-68, and 1974-76 issues of the WRTH in reasonable condition. Also want back issues of FRENDX from 1966 to 1968. Will purchase or copy and return paying all postage. Tom Daly, 132 RICHARD Court, Pomona, NY 10970.

# SOLAR LIGHT CO. INC.

AUTOMATE THE SONY ICF-2010/2001D AND THE ICF-2002/7600D WITH THE  
CC-2020 CASSETTE CONTROLLER!!!

---

DEAR SONY ICF-2010/2001D AND ICF-2002/7600D OWNERS, THE CC-2020 CASSETTE CONTROLLER GIVES A TYPICAL AUDIO CASSETTE RECORDER THE ABILITY TO BE CONTROLLED BY A RECEIVER WITH A PROGRAMABLE TIMER AS WHEN THE ICF-2010'S MULTI TIME, MULTI FREQUENCY TIMER IS SWITCHED ON.

WHAT DOES THE CC-2020 DO ?

THE CC-2020 COPIES THE PROGRAM TIMER FUNCTIONS OF THESE TWO RADIOS IN TURN OPERATING A CASSETTE RECORDER GIVING THE 2010/2001D AND THE 2002/7600D RECORDING FLEXIBILITY SIMILAR TO THAT OF A VCR.

THE CC-2020 CASSETTE CONTROLLER LINKS THE TIMER IN THE ICF-2010 AND 2002 BY A SUBMINI PLUG GOING TO THE REMOTE CONTROL JACK OF A CASSETTE RECORDER. THIS ENABLES YOU TO MAKE CASSETTE RECORDINGS OF SHORTWAVE PROGRAMS NO MATTER WHAT TIME OR FREQUENCY THEY MAY BE BROADCAST JUST BY SETTING THE TIMER ON BOARD THE ICF-2010/2001D OR ICF-2002/7600D.

WHY PURCHASE A CC-2020 ?

IF YOU ALREADY OWN A ICF-2010/2001D OR A 2002/7600D AND WANT TO EXPAND THE RECEIVER'S TIMER CONTROL THE CC-2020 GIVES YOU THE ABILITY TO LISTEN TO SW BROADCASTS WHEN YOU WANT TO HEAR THEM.

ALL CONNECTIONS TO BOTH RECEIVERS ARE MADE VIA EXISTING INPUTS ON THE 2010/2001D AND 2002/7600D. NO DISASSEMBLY OF THE RECEIVER IS NECESSARY. REQUIRES A CASSETTE RECORDER WITH REMOTE JACK, A SONY AC ADAPTOR OR EQUIVALENT DC POWER SUPPLY, AND AN AUDIO PATCH CORD BETWEEN THE 2010/2001D AND 2002/7600D TAPE OUTPUT JACK AND THE CASSETTE MICROPHONE INPUT JACK.

THE PRICE ?

THE PRICE IS \$34.95. INCLUDING A TWELVE MONTH WARRANTY.  
PLEASE ADD \$3.00 FOR SHIPPING.  
AUDIO PATCH CORDS [MINI PLUG TO MINI PLUG] ARE AVAILABLE AT TIME OF ORDER FOR \$2.00.

OTHER RECEIVERS WITH PROGRAMABLE TIMERS MAY WORK ALSO. WRITE FOR DETAILS.

DEALER INQUIRES ARE INVITED..

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SOLAR LIGHT CO.  
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PHILA, PA. 19126  
U.S.A.

TEL: 215-548-4747

# product preview

What's New  
At Grove

FOR IMMEDIATE RELEASE

March 26, 1986

## MONITORING TIMES TO MERGE WITH INTERNATIONAL RADIO

Bob Grove, Editor of MONITORING TIMES, and Larry Miller, Editor of INTERNATIONAL RADIO (formerly Shortwave Guide), have announced plans to combine into a single operation beginning with the July, 1986 issue.

MONITORING TIMES, now in its fifth year of publication, has grown steadily, earning a worldwide reputation for accuracy, timely reporting, and journalistic integrity.

INTERNATIONAL RADIO has similarly earned a reputation for in-depth interviews of broadcasting personalities, up-to-the-minute time and frequency schedules, and program details.

The expanded 60-page tabloid will be the largest periodical in the monitoring industry, featuring authoritative writers and improved printing from a new laser printer on heavier paper stock.

A year's subscription to the new MONITORING TIMES will be only \$14 including second class postage. Discounts are available for two and three year subscriptions, quantity orders for resale, and educational institutions.

For more information, contact MT headquarters directly: 140 Dog Branch Road, P.O. Box 98, Brasstown, NC 28902, or call 1-704-837-9200.

Foreign rates: Surface \$27, Air \$49 for one year

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THE DXER'S DIRECTORY

1986 EDITION

★ Is your listing correct?

Thank you for sending in your application form to be included in the 1986 DXER'S DIRECTORY. Please examine the label on this mailer carefully. This is how your name and address will appear in the 1986 DXER'S DIRECTORY. (The number following your name is your DXER'S DIRECTORY number).

IF there is a correction please notify me immediately so I may correct it before going to press. IF there have been any changes in the information you initially provided us, please fill out the new form below:

-----

Full Name _____	Please check one:
Street Address _____	( ) This is a corrected application to the DXER'S DIRECTORY
City _____ State _____	( ) This is a new application to the DXER'S DIRECTORY
Zip Code _____ Telephone? ( ) _____	
Monitor/Ram Call _____	(Optional)
Type of Listening: (check all that apply)	Club Affiliations:
( ) Long Wave ( ) Medium Wave	( ) IASNA ( ) SPEEX
( ) Shortwave Broadcast ( ) Shortwave Utility	( ) ASVLC ( ) ADXX
( ) FM/TV DX ( ) VHF/UHF Scanner	( ) CIBX ( ) ACE
( ) Amateur Radio ( ) Facsimile (FAX)	( ) IASCA ( ) NYUDC
( ) Radioteletype (RTTY) ( ) _____	( ) IBC ( ) IBCA
	( ) ICSA ( ) WYDA
	( ) _____ ( ) _____
YES, please include the above information in the DXER'S DIRECTORY! I understand that I am under no obligation of any kind.	
Signature: _____	Return to:

Universal Shortwave Radio  
Fred Osterman  
1280 Akle Drive  
Reynoldsburg, Ohio 43068

-----

★ This is your official notification

This letter is your official notification that the 1986 DXER'S DIRECTORY will be available soon. This publication will be available in late March. The 1986 Edition will include over 1200 listeners from 50 countries. The Directory will once again include an extensive listing of DX clubs, and an expanded listener photo section. The book will be in the same 5 1/2" by 8 1/2" format as the 1985 Edition. Despite the larger size of the 1986 edition, the price will remain the same as last year's. Price: \$4.95 plus \$1.05 surface-rate shipping.

★ Ordering information

You may order your 1986 DXER'S DIRECTORY at any time. To insure fastest delivery, you may place your order now to reserve your 1986 DXER'S DIRECTORY. You may order with check, Mastercard, Visa or COD using the order form on the back of this mailer. The price is \$4.95 plus \$1.05 shipping.

★ Other books of interest

<u>TITLE</u>	<u>PRICE</u>	<u>SHIPPING</u>
1986 WORLD RADIO TV HANDBOOK 40th Ed. (Billboard)	18.95	PPD.
The "Bible" of SW'ing. The definitive reference for broadcast stations worldwide.		
GUIDE TO UTILITY STATIONS 4th Ed. (Klingensuss-Universal E.)	21.95	1.25
15000 Utility frequencies including entire GUIDE TO RTTY STATIONS 12th Edition		
RADIO DATABASE INTERNATIONAL "Combo" (Magne-IBS)	12.95	1.25
Get both the "Part 1 International" and "Part 2 Tropical" editions at a special price.		
N.AMERICAN RADIO-TV STATION GUIDE 15th Edition (V.A. Jones-Samo)	9.95	1.00
Over 13,000 AM, FM and TV stations listed by location, frequency and call.		
BLANK LISTENER LOGGING SHEETS (Osterman-USWRR)	2.95	1.50
Optimized format for SW, MW and UTE listening. 40 sheets for 1000 loggings. 70lb paper		
THE SWL'S ANTENNA HANDBOOK. (Traister-TAB)	10.95	1.25
A complete guide to understanding and building shortwave antennas.		
COMMUNICATIONS SATELLITES (Grove-Grove)	12.95	1.00
A comprehensive directory of communications satellites and their frequencies.		
SHORTWAVE LOG (Osterman-USWRR)	9.95	1.55
Over 2500 actual loggings made by veteran DXer Fred Osterman. By freq., country & time.		
RTTY PRESS BROADCASTS, BY TIME & AGENCY LIST (Schaay-Universal E.)	12.95	1.50
New Second Ed! RTTY press station broadcast in all languages, by time and press agency.		
MARITIME RADIO HANDBOOK (Schaay-Universal E.)	12.95	1.25
A time order list of coastal stations from 4-26 MHz. Includes SSB, CW and RTTY stations.		
SHORTWAVE FREQUENCY DIRECTORY New 2nd Edition (Grove-Grove)	12.95	1.50
An interesting and readable guide to utility stations 1.6-30 MHz by station type.		
U.S. MILITARY RADIO COMMUNICATIONS VOL. 1, 2, 3 (Schaay-Universal E.)		
Comprehensive coverage of US Military on SW. Available in three (3) separate volumes.		
Each Volume is \$12.95 each + \$1.00 shipping. Or get ALL 3 VOLUMES for \$28.95 + \$2.25.		



# RW GARAGE SALE LIST

Contains sales, used

1985 WRTH



SALE

All used items have Radio West's 90-day guarantee.

\$12.00, plus \$1.50

## COLLINS FILTERS INTERESTED IN CW?

HAVE A COLLINS .375kHz filter installed  
in your receiver for the low cost of  
ONLY \$98.50, plus return shipping.



PRICE: \$19.95 SHIPPING & HANDLING: \$3.00

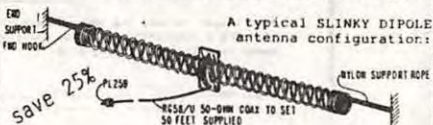
## SONY AN-1 ACTIVE

A good performance compact active antenna at a reasonable price. Mount it anywhere outdoors for good SW/LW reception from 100kHz-30MHz. Includes control box, 40 feet of coax, and DC power supply (requires 6"AA" cells).

**New!**  
I NOW AVAILABLE!  
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IMPROVES SSB AND WAVE A BIG DIFFERENCE!  
LOWER NOISE - MORE SURE SIGNAL DETECTION!  
ONLY FROM YOUR FAVORITE STORE AT RADIO WEST  
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## SLINKY DIPOLE ANTENNA KIT



A typical SLINKY DIPOLE antenna configuration:

REGULAR \$67.95, ONLY \$51.00

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ICOM-R71A

STOCK, PERFECT CONDITION

**\$495 each**

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ITEM	RETAIL	SALE PRICE
Eavesdropper Antenna	59.95	54.00
Frequency Directory	12.95	10.50
WRTVH 1986	19.50	15.00
Mini Tuner	39.00	33.00
Power Antenna Plus	49.00	41.00
Shortwave Listener's Antenna Handbook	10.95	8.50
Communications Satellites	12.95	10.50
Scanner Beam Antenna	40.00	35.00
Skywire Antenna	19.00	15.00
Omni II Antenna	19.00	15.00
Signal Amp	40.00	33.00
Ribbon Reinker		
Reink your nylon ribbons for computer printers and typewriters. Save money. Can reink ribbons dozens of times. SASE for more info.	64.95	58.00

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# ADVENTIST WORLD RADIO EUROPE

A.W.R. - U.I.C.C.A.  
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47100 FORLÌ - ITALY

April  
May

*schedule*

UTC	Language	Frequency	Meter	IP*	Su	Mo	Tu	We	Th	Fr	Sa
03,00-03,30	Russian	6215	49	I	X						X
03,30-04,00	Hungarian	6215	49	I	X						X
04,00-04,30	Rumanian	6215	49	I	X						X
04,30-04,45	French	6215	49	I	X	X	X	X	X	X	X
04,45-05,00	Arabic	6215	49	I	X	X	X	X	X	X	X
05,00-06,00	German	6215	49	I	X	X	X	X	X	X	X
05,00-05,30	Russian	9670	31	P	X						
05,30-06,00	Ukrainian	9670	31	P	X						
06,00-06,30	Polish	9670	31	P	X						
06,00-06,30	English	6215	49	I	X	X	X	X	X	X	X
06,30-07,00	Rumanian	9670	31	P	X						
06,30-07,00	Serbian	6215	49	I							X
06,30-07,00	Russian	6215	49	I						X	
06,30-07,00	Hungarian	6215	49	I					X		
06,30-07,00	Rumanian	6215	49	I				X			
06,30-07,00	Macedonian	6215	49	I			X				
06,30-07,00	Albanian	6215	49	I		X					
06,30-06,45	Albanian	6215	49	I	X						
06,45-07,00	Macedonian	6215	49	I	X						
07,00-07,30	Polish	6215	49	I	X						X
07,00-07,30	Hungarian	9670	31	P	X						X
07,00-07,30	Slovenian	9605	31	P	X						X
07,30-08,00	Slovenian	6215	49	I	X						X
07,30-08,00	German	9670	31	P	X						
07,30-08,00	Serbian	9605	31	P	X						
08,00-08,30	Croatian	9605	31	P	X						
08,00-08,30	Croatian	6215	49	I	X						X
08,00-08,30	English-DX	9670	31	P	X						
08,30-09,00	English	9670	31	P	X						
08,30-09,00	Arabic	9605	31	P	X						
08,30-08,45	French	6215	49	I	X						X
08,45-09,00	Arabic	6215	49	I	X						X
09,00-09,30	Polish	9805	31	I	X						X
09,00-09,30	English	9670	31	P	X						
09,00-09,15	Albanian	9605	31	P	X						
09,15-09,30	Macedonian	9605	31	P	X						
09,30-10,00	Arabic	9670	31	P	X						
15,00-15,30	Russian	6205	49	I	X						
15,30-16,00	Hungarian	6205	49	I	X						
16,00-16,30	Rumanian	6205	49	I	X						
16,15-16,45	Ukrainian	9670	31	P		X					
16,15-16,45	Russian	9670	31	P			X				
16,15-16,45	Polish	6205	31	P						X	
16,30-16,45	French	6205	49	I	X	X	X	X	X	X	X
16,45-17,00	Arabic	6205	49	I	X	X	X	X	X	X	X
17,00-18,00	German	6205	49	I	X	X	X	X	X	X	X
18,00-18,30	English	6205	49	I	X	X	X	X	X	X	X
18,30-19,00	Rumanian	6205	49	I	X						
18,30-19,00	Albanian	6205	49	I		X					
18,30-19,00	Macedonian	6205	49	I			X				
18,30-19,00	Hungarian	6205	49	I				X			
18,30-19,00	Russian	6205	49	I						X	
18,30-19,00	Ukrainian	6205	49	I							X
19,00-19,30	Italian	6205	49	I	X	X	X	X	X	X	X
19,30-19,45	Portuguese	6205	49	I	X	X	X	X	X	X	X

\* Broadcast from Italy or Portugal

Frequency 7300 kHz will be used as an alternate should the frequency 6215 kHz become unusable.  
Frequency 6215 kHz will be used as an alternate should the frequency 6205 kHz become unusable.

**PLEASE NOTE:** Due to a lack of response for effective leadership at the helm of HAP-USA, Inc., I feel compelled to announce that this will be the last HAP page to appear in print in US based publications. It is a sad commentary when a viable organization must be shelved due to a lack of volunteerism. As of March 31, 1986, HAP-USA, Inc. will no longer issue tax-exempt receipts for US residents.

We have had and continue to have a fine relationship with other organizations which strive to assist the disabled within their own ranks. We have a commitment to continue supporting HAP-UK, HAP-Oceania, CHAP, HAP-India and HAP-Germany. These independent organizations provide a vital service and necessary assistance to those less fortunate in our hobby. They still need our help.

Until further notice the HAP page will continue to be published overseas. If anyone wishes to be placed on our mailing list just send an SASE to the address below.

**ADDRESS:** Sam Barto, HAP-Worldwide, 47 Prospect Place, Bristol, CT 06010 USA  
**SPECIAL OFFER:** Due to popular response, we will continue to offer 50 stickers/decals for only \$5.00 (\$6.00 overseas). They make for excellent enclosures in reception reports. They can also be very attractive as a montage in your DX den... Sam.

**HAP-WW BID ITEMS:** #1:WPLJ T-Shirt(M)white,gray. #2:CKMS T-Shirt(X-S)red,white,blue. #3:KOME T-Shirt(S)black,yellow. #4:WLUP T-Shirt(S-M)blue,white. #5:KX-106.5 T-Shirt(M) in Spanish,m/c-beautiful! #6:WRCK T-Shirt(M)yellow,blue. #7:CBC-740 T-Shirt(S-M)blue,white. #8:CKLG 12" plastic ruler,red,white. #9:German Beer Coasters, 3 different,m/c-very nice! #10:KQDS cloth shoulder patch(2x4")yellow,black. #11:CKFM station pen,blue,silver. #12:CJLM station pen,red,white. #13:6WF(Australia)cloth arm patch(2x3")white,blue,orange. #14:Radio Capodistria(Yugoslavia)First Day Cover with stamp(4x6")nice for framing! #15:Radio Capodistria sticker(4x6")white,orange. #16:Radio Capodistria cloth pennant(5x7.5")red,white,blue. #17:Radio Korea "Marching Band" cloth pennant(5x9")m/c-beautiful! #18:Radio Beijing T-Shirt(S)blue,yellow. #19:Radio Beijing T-Shirt(S)2 tone blue. #20:Radio Beijing T-Shirt(S)blue,white. #21:KOME cloth arm patch(2x2")black,yellow. #22:EEBC paper pennant(4x9.5")m/c. #23:HRVC cloth pennant(6x10.5")blue,B&W-sharp looking. #24:REE(Spain)cloth pennant(5x8")m/c. #25:Radio Sweden cloth pennant(3.5x9.5")yellow,blue. #26:RBI(DDR)cloth "Bear" pennant(6x9.5")m/c-beautiful! #27:CHRD station pen,red,white. #28:Norea Radio paper pennant(3.5x8")red,white,blue-rare! #29:Deutschlandfunk(FRG)vinyl pennant(5x8")m/c-sharp! #30:Radio Nederland cloth pennant(4x6")red,white,blue. #31:Radio Beijing cloth pennant(6.5x11.5")red,white,green. #32:Radio Beijing "Stars" cloth pennant(6.5x11.5")m/c. #33:Radio Beijing super looking blue/white cloth litter bag(over the shoulder model) - super item!! #34:Voice of Turkey cloth pennant(7x12")m/c. #35:Voice of Turkey cloth pennant(5x8")m/c. #36:KGEI paper pennant(5.5x8.5")yellow,blue,gold. #37:RBI cloth pennant(5x7.5")red,white,blue. #38:CKGY station pen,tan,black. #39:Radio West(UK)station pen,red,white,blue. #40:Radio Forth(Scotland)telephone station pen,orange,black-nice! #41:Metrol Radio(UK) telephone station pen,red,B&W-nice! #42:CKKW match book,m/c. #43:BBC Radio One match book, m/c. #44:4ZA(New Zealand)key chain,B&W. #45:WJCS plastic key chain,blue,white. #46:Radio Praha(Czechoslovakia)station pin,red,white. #47:IBRA Radio paper pennant(4x6.5")m/c-very colorful! #48:Radio Casino(Costa Rica)cloth pennant(4x7.5")green,white. #49:Voice of Asia (Taiwan)metal station pin,m/c-beautiful! #50:Radio Polonia(Poland)metal station pin,red,white,silver. #51:Radio Bucharest(Romania)key chain,m/c. #52:Radio Bucharest station pin, m/c. #53:RBI station pin,blue,white. #54:Radio TV Cultura(Brasil)metal station pin,green, gold-sharp! #55:CFAM station pen,blue,white. #56:CKRD station pen,blue,yellow. #57:CKWB station pen,red,white. #58:CHFX station pen,blue,white. #59:WDR Radio(FRG)station pen,blue, B&W. #60:4GG(Australia)metal badge(2"cir)red,white. #61:Radio Forth metal badge(1.5"cir) orange,B&W. #62:BBC World Service metal badge(1.5"cir)red,white,blue. #63:BBC "50th Anniversary" metal station badge(2"cir)red,B&W. #64:CKUA metal badge(3.5"cir)pink,purple-super!! #65:CKFM metal badge(1.5x2.5")blue,white. #66:CKFM "Daynard"metal badge(3"cir)yellow,B&W. #67:CKKW metal badge(2x3")red,white. #68:4XD(New Zealand)sticker(2x8")m/c. #69:7ZR(Australia)sticker(2x10")red,blue,yellow. #70:Bay City Radio sticker(5"cir)white,gold-beautiful! #71:4ZA(New Zealand)sticker(4x4")white,red,silver. #72:Radio Seven(France)sticker(3x6") red,B&W. #73:7NT(Australia)sticker(5x5")m/c-very nice! #74:Spectrum World Broadcasting(UK) paper pennant(3.5x7.5")yellow,black.

**OTHER DIRECT SALE ITEMS:** While the supply lasts we are offering the following paper pennants for only \$.50 each: RCI,RAE,RTB-F,Radio Veritas,HCJB,RSI,Radio Sweden, and AWR-INDIA. The following litter bags are \$.25 each: RBI,KXVI-TV,WWNE and RTE Radio 2. The following metal station badges are \$.25 each: WLPX,WMMR,WLLZ and RBL. The following items are as marked: CKSW paper folder at \$.25; BBC poster at \$.25; WRCK napkin at \$.25; Voice of Syncom mini-poster at \$.25; KBOI paper hat at \$.25.

**HAP DIRECT SALE ITEMS:** The following stickers/decals are available for \$.25 each or any five for \$1.00. New since last issue: Radio Hualam (large) (small), KRBC, CKPG, Signal Radio, WJCH, CKEC, Viking Radio, Red Rose Radio, Radio Lancashire, CFRN, CKUA, KATT, Radio RSA, Radio Populare, WYFR, Radio Tees, Deutsche Welle (EG), KNUJ, WINK, Radio Humberstone, Radio Fase, Q-93, 97-rock, KZEU, Nercia Sound, Radio Luna, South Coast Radio, ERF-TV, CFGO, CFOR, CKLC, KACC, CFY, CJBK, CJET, XREB (rock), CJBX, CKUE, CKPR, CJRT, CJCL, CJSB, FN-10B, Radio Peter Flowers, Radio Luna (DC), CKQH, CKTA, CKNS, CKPT, CKKV, CHCC, CKCO-TV, HPCE, WOHU (large) (small) (music), CFOS.

**THANK YOU:** I must end this page by saying thank you to all of you who have helped us in our efforts. I have tried to acknowledge you in the various HAP pages throughout the years. A very special thank you goes out to John Kapinos, Shawn Axelrod, The Batchelor's, Ivan Pascal, Dario Monferini, Tom Haskett, Bill Campbell, and many, many others... Sam.

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