

FRENDX



COMITE INTERNATIONAL DE LA CROIX-ROUGE
INTERNATIONAL COMMITTEE OF THE RED CROSS

DEPARTEMENT DE LA COMMUNICATION
COMMUNICATION DEPARTMENT

RED CROSS BROADCASTING SERVICE
September, 1989 - February, 1990

Target Area	Time (UTC)	Language	Frequency (kHz)	Days and Dates of Transmission
EUROPE	1100-1130	EN	7210	Sundays: 24.09.89 29.10.89 26.11.89 31.12.89 28.01.90 25.02.90
	1130-1200	FR	7210	
	1200-1220	GE	7210	
	1220-1240	SP	7210	
EUROPE	1700-1730	EN	7210	Mondays: 25.09.89 30.10.89 27.11.89 01.01.90 29.01.90 26.02.90
	1730-1800	FR	7210	
	1800-1820	GE	7210	
	1830-1840	SP	7210	
AUSTRALASIA	0740-0757	EN	9560	ALL BROADCASTS
	0740-0757	EN	13685	
	0740-0757	EN	17670	
	0740-0757	EN	21695	
FAR EAST	1040-1057	EN	13635	Mondays: 25.09.89 30.10.89 27.11.89 01.01.90 29.01.90 26.02.90
	1040-1057	EN	15570	
	1040-1057	EN	17830	
	1040-1057	EN	21770	
	BJG 1310-1327	EN	9620	
SOUTH AND SOUTH EAST ASIA	BJG 1310-1327	EN	11695	AND
	1310-1327	EN	13635	
	1310-1327	EN	15570	
	1310-1327	EN	17830	
NEAR EAST AND EAST AFRICA	1510-1527	AR	13685	Thursdays: 28.09.89 02.11.89 30.11.89 04.01.90 01.02.90 01.03.90
	1510-1527	AR	15430	
	1510-1527	AR	17830	
	1510-1527	AR	21630	
AFRICA	1710-1727	FR/EN	9885	AND
	1710-1727	FR/EN	11955	
	1710-1727	FR/EN	15430	
	1710-1727	FR/EN	15525	
	1710-1727	FR/EN	17830	
	1840-1857	FR/EN	15420	
	1840-1857	FR/EN	13635	
	1840-1857	FR/EN	15525	
	1840-1857	FR/EN	21705	
SOUTH AMERICA	2210-2227	PO	9810	
	2210-2227	PO	9885	
	MBI 2210-2227	PO	12035	
	2210-2227	PO	15570	
NORTH AND CENTRAL AMERICA	0110-0127	SP	6095	Tuesdays: 26.09.89 31.10.89 28.11.89 02.01.90 30.01.90 27.02.90
	0110-0127	SP	6135	
	0110-0127	SP	9725	
	0110-0127	SP	9885	
	0110-0127	SP	12035	
	BRA 0110-0127	SP	17730	
	0310-0327	EN	6135	AND Fridays: 29.09.89 03.11.89 01.12.89 05.01.90 02.02.90 02.03.90
	0310-0327	EN	9725	
	0310-0327	EN	9885	
	0310-0327	EN	12035	



Comité International
de la Croix-Rouge

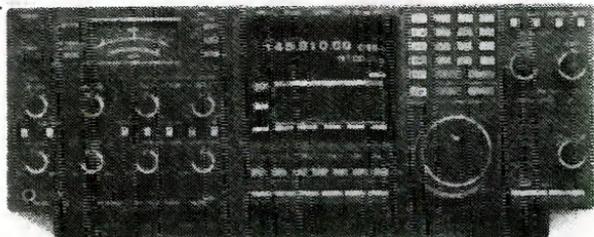
19, avenue de la Paix
CH-1202 GENÈVE

AR=Arabic / EN=English / FR=French / GE = German / PO=Port. / SP=SPANISH
BJG : BEIJING CHN MBI = MOYABI GAB BRA = BRASILIA B

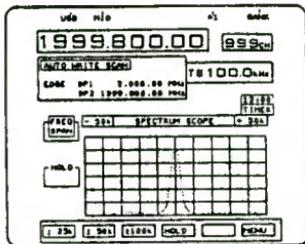
DECEMBER 1989

UNIVERSAL SHORTWAVE

ICOM R-9000



CRT DISPLAY



SPECIFICATIONS

Dimensions 16.7" W x 5.9" H x 14.4" D

Weight 44.1 Lbs. (56 Lbs. ship)

Frequency Range 1 - 1999.8 MHz

Power 110 - 120 VAC 60 Hz

Antenna Impedance 50 ohm (400-500 ohm²)

Selectivity (-6dB) ... AM 6 KHz¹
SSB 2.4 KHz
CW .5 KHz
FM-N 6/15/30 KHz
FM-W 150 KHz

Sensitivity16 μ V 1.6-30 MHz
.32 μ V 30-999 MHz

Freq. Stability \pm 25 Hz 1-30 MHz

Inter. Freqs.(MHz) .. 1st IF= 48.8 (1-30)
1st IF=778.7 (30-500)
1st IF=278.7 (500-1000)
2nd IF=10.7
3rd IF=.455
4th IF=10.7

Antenna Jacks 1-30 MHz SO-239
1-30 MHz RCA¹
30-1000 MHz N
1000-1999 MHz N
¹IF Antenna Two

- Visa, MC, Discover
- Prices are subject to change.
- Full catalog \$1 postpaid

STORE HOURS

Monday - Friday 10:00-5:30
Except Thursday 10:00-8:00
Saturday 10:00-3:00
Sunday -CLOSED-

Serving Listeners Since 1942!

The Icom R-9000 is a revolutionary all-mode, super wide-band receiver that continuously covers a frequency range of 100 KHz to 1999.8 MHz. The most visible of the radio's many advanced features is the built-in multi-function CRT display. Receive frequencies, modes and additional useful data are displayed for your operating convenience. The CRT functions as a spectrum scope to show you, at a glance, the relative signal strengths of nearby receive frequencies. The span of the spectrum scope can be selected for \pm 25, \pm 50 or \pm 100 KHz according to your needs. The screen can also display the contents of 10 memories at once, and can be scrolled to display other memories. The CRT can also be used as a display device to monitor RTTY or packet via an ASCII RS-232 input port (external data converter required). A total of 1000 memories (ten banks of 100) store frequencies, mode, filter width and tuning step increments. You can use different memory banks according to station type, frequency ranges or whatever your preference. By using the memory list screen, many more convenient functions are provided: up to eight character notes for your reference; and the advanced super convenient memory editor function easily moves, copies and deletes the memory contents. Tuning steps: 10 Hz, 100 Hz, 1 KHz, 5 KHz, 9 KHz, 10 KHz, 12.5 KHz, 20 KHz, 25 KHz and 180 KHz. The R-9000 has seven different scan functions with adjust scan speed up to 13 channels/sec. *Program Scan* scans between pre-programmed scan edges. *Memory Scan* scans memory channels. *Selected Number Memory Scan* scans memory channels with the same programmed mode. *Priority Scan* monitors specified memory channels. *Δ F Scan* scans around the receiving frequency. *Auto Memory Write Scan* programs receive frequencies into memory channels (900-999) during programmed scan. The R-9000 provides versatile scan resume functions when a signal is received: the scan cancels, pauses until a signal disappears, pauses for an adjustable time, or pauses for the mixed conditions of signal activity and time. Also a new *Voice Scan Control* system allows you to skip inconvenient signals such as signals with no modulation, lots or noise.

Superior interference rejection is achieved with both IF shift and notch filters. Control features include dual clocks with two kinds of sleep timers and five independent daily timers. Noise reduction is accomplished with a threshold selectable wide-narrow noise blanker. The squelch can operate by meter or noise level. A keypad is provided for rapid frequency entry. The output of the CRT can be routed to an external monitor, and the CRT can act as a monitor for an external or internal video source. See TV or your RTTY decoder on the CRT Mounting handles for standard 19 inch racks are included. Rear jacks include: DC Out, Ext. Spkr., Record Reanote, Speech Out, Line Out, IF (10.7 MHz) Out, Video In & Out, Data In, Acc., plus 4 antenna jacks (see specifications). The R-9000 is on display at Universal now.

LIMITED WARRANTY

Standard Manufacturer Warranty: 365 days

Optional Extended Warranty To: 548 days

Order #1585 \$49.00

PRICING

R-9000 List Price \$5459.00

R-9000 Discount Price

Order #0419 \$4795.00

Shipping/Hauling/Insurance \$28.00

OPTIONS AND ACCESSORIES

◆ Icom UT-36 Voice Synthesizer Order #3002 \$33.95
This option tells you the frequency and mode at the press of a button.

◆ Icom SP-28 Speaker Order #1672 \$139.95
Matching speaker for improved tonal quality. Includes audio filter. With audio cable.

◆ Icom CT-17 CI-V Level Converter Order #2771 \$89.95
For remote control using a personal computer with RS-232 port.

Universal Shortwave Radio

1280 Aida Drive Dept. FREN
Reynoldsburg, Ohio 43068 U.S.A.
Toll Free: 800 431-3939 Ohio: 614 866-4267



From the Executive Director

Chuck Rippl
1272 Parkside Place
Virginia Beach, VA 23454
COMPUSEV- 72571,1046

Last month's information concerning the Danish Shortwave Clubs International should be credited to Bob Horvitz VIA the ANARC BBS. You may remember that the information was left in my lap with no contributor identified. Again, who ever had the interest and took the time to leave that information, thanks!

Glenn Hauser, NASWA Executive Council member, Editor of Review of International Broadcasting and DX Listening Digest has a new address for the winter months:

Glenn Hauser
P.O. Box 44164
Tuscon, AZ 85733

DX Listening Digest has a format somewhat similar to our own Listeners Notebook and is available for \$21 per year. Review of International Broadcasting is available for the same rate. You can receive both for \$40 per year. Sample copies are available for \$2 each. Please remit in U.S. funds.

This month's mail brings several interesting letters. From member Donald Weber of Westlake, Ohio:

"Your "NASWA, 15 years Ago This month" was an extra *FRENDX* enjoyment to me—, I had only a few days earlier suggested this type of information when I responded to the membership survey. It's nice to know my suggestion has been accepted before it had a chance to be known."

Thank you for your letter and offering of past *FRENDX* issues Don. If anyone can help fill in the gaps in my *FRENDX* collection on a loan basis, I need some fills in the year 1975. I have February, March and September 1975 but the other month's issues are strangely missing. January 1975 is especially needed.

Member Charles Gaharan of Thibodaux, LA asks for help in obtaining the address for World Wide Christian Radio in Nashville, TN. Contact him at:

504 Thoroughbred
Thibodaux, LA 70301

A letter from NASWA member and friend Bill Cole notes that Technical Editor Ted Benson lost his home in the October 17 San Francisco earthquake. On behalf of NASWA I extend our best wishes to Ted and his family and hope they recover from this disaster quickly. On a related matter, I noticed in Numero Uno issue #1034 that long time NASWA member Bill Sparks, who also lives in the Bay Area, made it through the disaster with damage limited to some broken dishes.

My last letter from NASWA member Richard D'Angelo is somewhat humorous and will also serve as a lead in to peak your interest in upcoming issues of *FRENDX*.

Rich has been trying to get a QSL from Radio Simbu in Papua New Guinea. Thus far, his efforts had been in vain. Finally, one of those wonderful stamp covered, onion skin, magic envelopes arrived in Rich's mailbox. Could it be??? Yes, it was a letter from Radio Simbu. Quick Rich open it up... is it a QSL? Well, tell us what does the letter say!??? Rich doesn't really want to talk about his fateful trip to the mailbox that day so I'll tell you. Although Rich did not get a QSL in the mail that day, he at least hit close to the mark. Rich got an offer for a pen pal... the receptionist at Radio Simbu. Better luck next time Rich. But hey, keep your chances at least 50-50, don't send her your picture. You might have better luck by sending it to that veri-signer in Niger.

Into the peak your interest department. Rich, along the the NASWA Graphics and Editorial Committees have been burning lots of midnight oil considering the membership surveys to make meaningful changes in the *FRENDX* Journal. I don't want to spoil anything by letting the cat out of the bag early but *FRENDX* is going to have a major make over which you will see in the January, 1990 issue. Members have

forwarded their ideas Via the survey, and we have responded. Expect a refreshing new look and expanded information for all in the new Journal. Membership services is also in the process of expanding to meet your needs.

One of these services will be the "NASWA Company Store." Rich D' Angelo and Don Moore have taken on this project which will offer such items as quality Tee Shirts and Windbreakers with the new NASWA logo on them. Don Moore has compiled over 100 articles from past issues of *FRENDX* which are going to be catalogued and offered as a reprint service. We are planning to try and have them available at the upcoming "Winter SWL Festival" to be held in Philadelphia this February. More on that in upcoming issues as plans become more concrete.

Bob Brown's wife, Gail is helping us to tabulate the results of the survey. Even with a computer it is a very time consuming effort. We hope to have a complete report for the membership within the next few months. As previously mentioned, many of your comments and suggestions are being implemented. Members that sent in a survey should notice their one month extension reflected on the January mailing label. Thanks again for your support with the survey!

With the cost of getting QSL's going up and the success rate going down, I feel that NASWA should respond to the times. Therefore, I am going to appoint a Task Force to access the feasibility and method of accepting tapes of various stations in lieu of QSL's for NASWA country counting and awards. While this is a highly charged, controversial topic surrounded with much emotion both pro and con, it is an issue I feel needs to be addressed. Members are free to drop me a note and express their thoughts on the matter. I will be glad to forward them to the Task Force as soon as it is formed.

A note about the make up of this Task Force and other NASWA Committees. A few members have raised the question: "why do the same people always show up on club committees or the Executive Council?" Very simple answer: because they made their interest known by volunteering when the club has expressed a need for member assistance. Can you help us? Certainly. We always need Editors, Task Force and Committee members. Now and again members are asked to serve a term on the Executive Council or as Executive Director, Assistant to the Executive Director or Editor in Chief. If you are interested in helping the club in any capacity, now or in the future, drop me a line. Everyone who has asked to help was "volunteered" for one project or another.

I would like to thank our two advertisers for their continuing support of NASWA. Fred Osterman of Universal Shortwave has been including one of our promotional fliers in each of his outgoing orders. Dick Robinson at EEB is doing the same and also included a very nice ad for NASWA in his catalogue. With the Christmas season approaching, remember these two firms if you are considering a hobby related gift.

PRESS RELEASE

Universal Shortwave is pleased to announce a new edition of their popular listener's catalog. **Catalog 89-11** is typeset quality throughout and is more informative than ever. Fifty-two pages in length, it covers everything that is new for the monitoring enthusiast. Bearcat and Regency scanners have been added and the amazing Sony CRF-V21 super-portable is shown for the first time. The book section has also been expanded. A full line of both portable and communications receivers is featured along with antennas, headphones, books and accessories. As always, a large portion of the catalog is devoted to radioteletype and facsimile equipment. This catalog is available for \$1 (or 3 IRCs) or free with any purchase from:

Universal Radio
1280 Alda Drive
Reynoldsburg, OH 43068

DX'ers Forum

Dedicated to Furthering
the Art, Science and
Enjoyment of DX'ing

Conducted by Rowland Archer, 5524 Hawthorne Park, Raleigh, NC 27613

December, 1989

Verifying Peruvians has always been tough, and now it has gotten tougher. *Item 1* — a mail embargo exists at the moment. I'm not sure if this is a worldwide problem or just a US issue, but the Post Office cancelled over \$5 worth of postage I put on letters to Peru and sent them back marked "POSTAL SERVICE TEMPORARILY SUSPENDED." *Item 2* — **Bill Plum** reports that due to the spiraling inflation in Peru, he has stopped carrying Peruvian mint stamps for now. By the time he gets his stock of stamps, they are worth half what he paid for them. Bill recommends using IRC's or US dollar bills for return postage to Peru — once the embargo lifts. Incidentally, if you're not familiar with his mint stamp service, send a SASE to Bill Plum, 12 Glenn Road, Flemington, NJ 08822 and he'll send you his current price list.

Jack Russel of Weekend Music Radio in Scotland checks in this month with a tentative holiday broadcast schedule. Check the following frequencies on 12/24, 25, 26/89 and 1/1/90: from 0200 to 0900 UTC, there will be a taped program on 6240 or in the 6317/5 area with 100 watts on one frequency, and around 20 watts on the other. Also check around 6295 and 7460. If the 19 meter band is open, WMR may be heard on one of the following frequencies during the same 0200-0900 period: 15043, 15060/3, 15640/665 area, or possibly 13720 or 13630.

From 0900 to 1400, live programs including phone-ins to those who know the number, on one or more of the above frequencies. Hopefully a 21 MHz or 26 MHz frequency will be used, perhaps closing the 15 MHz transmitter.

From 1600 to 1800, look around 21846 or 21810, if clear; and 26040 or 25810. The final schedule may change up to the time of broadcast based on QRM, band conditions, and transmitter status. Jack says he will send a last minute update to the weekly DX bulletin *Fine Tuning*.

This month's feature article is a Panel Session on QSL'ing. We are fortunate to be joined by three senior NASWA members who have all attained the award of Master DX Centurion, earned by verifying at least 200 countries. Gerry Bishop, a previous contributor to DX'ers Forum, has heard 223 countries and verified 209 as of the September scoreboard. Marlin Field notes that in 1990 he will be celebrating 30 years as a DXer, in his words "an enjoyable, rewarding, and educational hobby." Marlin has verified 1049 shortwave stations in 222 countries. Ed Kusalik has heard 228 countries and verified 225. I recently had the rare experience of watching Ed drool over a QSL he *doesn't* have — Radio Americas, Swan Island, an infamous clandestine from the 60's and the only North American country Ed has heard but not verified! I hope you enjoy this panel session as much as I did. Even if you're not a QSL'er, give it a look, there are many interesting tidbits for all DX'ers to enjoy.

QSL'ing Your Way to the Top: Part I

A DX'ers Forum Panel Session

With Gerry Bishop, Marlin Field, and Ed Kusalik

Forum: Welcome to the DX'ers Forum Panel Session on QSL'ing. I'd like to start by getting a quick introduction from each of you. Please let us know how long you've been DX'ing and QSL'ing, any special hobby interests, accomplishments, activities? What's your current shack setup?

Bishop: I've been listening to SW since 1973, when I received a Lafayette Globepacer as a gift. I started reporting for QSLs in 1975. Today I'm using a Collins R-390A, a Yaesu FRG-8800, and a Sony 2001. I've got 55 meters of longwire hanging out the back door, and an MFJ-1020 here in the shack. Rounding out the equipment are a

Radio Shack TRF portable, a Realistic PRO-2002 scanner, and a portable stereo tape recorder.

I've got most of NASWA's awards — I don't expect to get 'em all. I haven't listened to Radio Moscow since 1981, and I don't expect to change that for a NASWA award.

Field: I started DX'ing (but I didn't know it was DX'ing) in the late 1930's on the farm where I was raised in Northeast Missouri. By the late 1940's I had heard close to 800 stations. I didn't know until 1960, when I read an article in *Popular Electronics*, that one could receive QSL's from stations. Since then I've been DX'ing on shortwave. At this time I subscribed to the monthly publication, *DXing Horizons*, and have been a contributing member of NASWA almost since its beginning, when NASWA was NASA and when *FRENDX* was an unbound publication. My special interests include collecting pennants (I have 688 from sta-

tions in 107 countries) and Christian broadcasters. I have written articles and provided other information about such stations for *FRENDX* since Bill Eddings, the first executive director of NASWA, invited me to do so. My special area of interest is Latin America.

My equipment consists of a Drake SPR-4 receiver and an Eavesdropper antenna, an antenna very similar to the Mosley SWL-7 trap assembly dipole antenna that I used during my first twenty-five years of DXing, until the wind blew it down. I also use a Panasonic tape recorder.

Kusalik: Actually, I began listening back in the early sixties, as a youth, listening to a Table Top radio. Amazed what there was to hear, I started to build crystal sets, advancing to more elaborate ones with coils and stages of tuned circuits. Among the stations heard, from my former location in Ontario, were Boston, Nashville, and Dal-

Pssst! Wanna Learn Tagalog?

by Rowland Archer

I'm always on the lookout for sources for learning more about some of the less common languages that we DX'ers come up against on a regular basis. Almost every bookstore has tapes to teach you Spanish and French, and many have tapes or at least books covering German, Italian, and others. Now, try to find a tape to learn Indonesian, a language many of us would like to know better. Arabic? Even Portuguese?

A recent mailing brought a small leaflet from Barnes & Noble, a giant bookstore in New York, describing a series of language cassettes called Language/30. I can't give you a review, but there's an unconditional money-back guarantee and it's pretty low risk at \$14.95 for two 45-minute tapes plus a phrase book. Two 45-minute tapes are not going to turn you into a native speaker, but you might get better at picking out program details and understanding more of what you're hearing.

The clincher here is the array of languages covered by this series. It's the most extensive I've seen by a single publisher. In case you want to give it a try, here are the order numbers and languages:

1232628 Arabic	1232636 Chinese	1232644 Danish	1232651 Dutch
1366665 Finnish	1232669 French	1232677 German	1232685 Greek
1232693 Hebrew	1232701 Hindi	1232719 Indonesian	1429232 Irish
1232727 Italian	1232735 Japanese	1232743 Korean	1429224 Latin
1232750 Norwegian	1232768 Persian	1300375 Polish	1232776 Portuguese
1232784 Russian	1232792 Serbo-Croat.	1232800 Spanish	1232818 Swahili
1232826 Swedish	1232834 Tagalog	1363316 Thai	1232842 Turkish
1232859 Vietnamese	1516541 Yiddish	1232867 English for Spanish Speakers	

You can order any of these for \$14.95 plus \$1.75 postage and handling by mail to Barnes & Noble Bookstores, Inc., Dept. MC25, 126 Fifth Avenue, NY, NY 10011. You can also order by calling their toll-free line, 1-800-692-2100, in Nebraska 1-800-642-9606.

QSL'ing National Unity Radio, Sudan

by Rich D'Angelo

SUDAN!! Last February, I, along with a bunch of other DXers, reported hearing National Unity Radio on 9435 kHz around 1545 UTC +/- with English news and ID's. They gave an address over the air of Box 15. To my knowledge nobody has received a reply from National Unity Radio.

In September I decided to followup my report. However, I kept thinking about all those reports in the DX press (LN, FT, etc.) about the transmitters actually belonging to the Sudan Broadcasting Service in Omdurman. In fact, there were, and still are, a number of reports saying Radio Omdurman is currently being heard on this frequency around the same time. With that in mind, I decided to send my followup to the Sudan Broadcasting Service at Box 572 in Omdurman. I sent return postage in the form of mint stamps (from Bill Plum, of course) and a prepared card.

In 47 days I received a nice, friendly handwritten reply specifically confirming my reception, although no specific individual signed the letter it was signed by "The Department of Public Affairs and International Relations" (all hard to verify countries should have such a Department!).

. . .

Nice going Rich! It's great to have an example of verifying a tough one to accompany this month's feature article. -Ed.

las, TX. In my first year at senior high, our electronics teacher introduced me to shortwave radio, and the stations that could be heard. Starting with an RCA-A-25, I logged my first 60 countries and the rest is history.

I believe my interest in exotic lands has kept me interested in the different countries that I have heard. Besides the verifications that I have received, postcards are my other interest. Of particular interest is receiving postcards from Indonesia. On other occasions I have received a History Text from Qatar, weekly newspapers from Northern Cyprus, and even elephant skin text from Cambodia! Besides the above, I collect stamps pertaining to the countries/stations that I have verified.

Other interests: I'm an avid fly and stream fisherman. Usually every summer I make my track to the Rockies, for a week of leisure and trying to figure out what went wrong with my last report to some particular station.

Accomplishments: I have many, which is reflected in being an avid collector of DX awards, in particular the Master Awards from NASWA. Presently, I'm trying to narrow the gap in the area of stations heard and verified in Indonesia.

Presently, a Yaesu FRG-7000 and my old reliable Collins R-388/URR-51J3 are in use.

For portable use I have a Panasonic RF-2800 receiver. Since I'm always experimenting with different antennas all the time this is the present setup at my location: 90/60/49 meter inverted V dipoles, 225 foot longwire around my lot and an Alpha Delta Sloper. In the past, I've strung aerials up to 450 feet across my lot but a few strange looks from the town officials prompted me to take them down. From the mid-seventies to the present I've used no pre-amplification in my listening, other than a home-built headphone patch with filter.

Forum: All of you gentlemen have distinguished yourselves by qualifying for the NASWA "Master DX Centurion" award, requiring verification of at least 200 NASWA countries. How long did it take to reach the milestones of 50, 100, 150 and 200 countries verified? Did you keep a steady pace in pursuit of those goals or did you find interesting side trips along the way?

Bishop: 100 came quickly, less than two years. It took another couple to get to 150, then five more to get to 180. At that point things slowed considerably. It took four years and living in the Philippines to cross the 200 level. Country chasing

wasn't really the priority, as much as station chasing.

Field: I received my first award, from *Popular Electronics*, in 1963. Signed by Oliver P. (Perry) Ferrell, it was for 100 countries. I had 150 countries by 1968 and in 1977 I reached the 200 mark. Since then I have added 22.

Kusalik: As with nearly everybody, my interest in QSL'ing has had its ups and downs. With school and later with "cruising" my DX'ing took quite a drop. The first 50 countries were easy, well, easy in the sense of logging and verifying them. But it was the 150 to 200 country area I found difficult. It was always the push to reach that "magic" 200 that gave the edge to keep on going. QSL'ing the countries after 200 is really difficult. It has taken me about the last ten years to close the gap from 210 to 226 countries. With new countries coming on the scene and the possibility of old ones returning, I find it takes anywhere from one to two years to verify such countries. It has taken me 20 years of DX'ing to get the number of countries verified to date. But then, too, if you are persistent enough, you can narrow your totals down by a lot. I know some listeners have verified their first 100 countries in two years, while others have taken longer. It all depends on your time and the reply time from the stations.

Forum: *I know things started slowing down a lot for me after I verified around 180 countries; surely after 200 they move at a glacial pace. Have you maintained your interest in QSL'ing, and if so how has it evolved? What comes after country chasing?*

Bishop: I keep a list of all I've not yet heard, which has gotten me quite focused on individual countries or regions. At various times Brazil, PNG, and Indonesia have been tops on my list. Currently, I'm DXing Caribbean and Central American stations on both MW and SW and none of this activity will yield a new H/C on the NASWA list. It will be enjoyable, educational, and challenging.

Field: If I were just a "country chaser," I'm afraid that my interest in DX'ing would have been gone several years ago. I am also interested in hearing and verifying stations (I am also a "station chaser") and when there's not much going on in that department like during the summer months, since I listen primarily in the lower bands, I turn to stations that I have heard but haven't replied to my letters. (I am also a "QSL and pennant chaser.") I also like to listen to the music of other lands, especially that of Latin America—the marimba music of Guatemala; the music of Ecuador with the rondador, the panpipes of the Andes, etc.

I write articles and submit bits of information to *FRENDX* on the Christian broadcasters. I scan their publications as well as magazines such as Billy Graham's *Decision* magazine and *Christian Herald* for such information. I also write to the stations asking for information for articles that I can write, and I tell the station how the information will be used. Lately I have had trouble getting anything about Christian broadcasters printed in *FRENDX*. The problem seems to be that I can't find the right person in the new NASWA bureaucracy to whom I should send the material. The next issue or two of *FRENDX* should tell me whether I've found the right person. I have been asked, incidentally, to write articles about government stations. [Ed. Note: *Marlin, you can still submit articles to Bill Oliver, our publisher, as you have in the past. One of the recent changes we've made at NASWA has been the institution of strict page counts for each column. As a result, there is less room for unsolicited material than in the past, since material sent to Bill tends to get used only if someone runs short of their page count. I'm happy to run station profiles in DX'ers Forum.*]

I also do DX'ing in the medium wave, where I chase states and countries as well as stations and pennants. Since I started to write for QSL's for medium wave stations, around twenty or so years ago, I have verified 1019 stations in 32 countries, my most recent one being Grenada, which, incidentally, has no plans for shortwave.

Kusalik: I maintained my interest in QSL'ing by looking back to the stations or countries I didn't bother to pursue more intensely. I think everybody in the hobby has at some time or other said "That station/country will be around for a while" and then it disappears. That has happened to me. That's why I try to keep tabs on the situation with new countries that appear on shortwave. This has evolved into keeping up to date with the political and economical situation in these countries.

What comes after country chasing? For me, it's going after different areas of QSL'ing. This would be, for example, trying to get all of the Japanese regionals verified. Seeing how many of the Mongolian regional stations I can hear and then verify. Another area would be Mexican stations, or Guatemalan stations.

This helps when the different types of awards are issued from the Awards Program. Example: the Master Nigerian Award or the All Germany DX'er Award.

Forum: *Even though you folks each have a bundle of QSL's that many of us are still struggling to get,*

there must still be some that have evaded your attempts and that you'd love to have. What are your three most wanted QSL's? What have you tried so far, and how will you pursue getting them in the future?

Bishop: My three most elusive are a mixed bag. The station at Bangui, Central African Republic, has yet to verify, despite regular reporting and routine followups. IRCs, mint postage, multilingual letters have all failed to date. I know they QSL, so I'll just have to keep at it.

RTVI, Ivory Coast, has a virtually identical program of reporting and followups. Both of these stations are not impossible, but obviously quite difficult for some of us.

Zanzibar is still on my want list. Their record on QSLs is quite well documented. I'm over ten years in the hunt for this one. I'll get it.

Field: No. 1 would be RRI Dili, since Timor is the only country that I have heard which I have not verified. After that would be any of the stations I've heard in Peru that haven't sent me a reply (69 have); I am not particular which ones.

As in the past I'll continue using followup reports with mint stamps.

Kusalik: Three "Most Wanted"; well...that's a bit tough...but I would consider these as prime candidates: Radio Hargeisa...La Voix du Zaire...Radio Pilipines. Radio Hargeisa is the prime one right now, having tried both direct and via Mogadishu and even having a fellow DX'er try visiting the station proved unsuccessful. Joe Talbot, a fellow DX'er from Alberta, spent a year in Africa, travelling along the eastern coast. He paid a visit to Somalia, managed to get to the station, but was turned away by armed guards. He was ten feet away from getting my report verified! In another attempt a companion of Joe's tried to reach this area but was turned away. Reports are now pending to the Embassy in Ottawa and to Mogadishu. La Voix du Zaire...this one would be another prime candidate, having sent numerous reports to this station since I first heard it back in the late sixties under a different name. Latest report sent a year ago has yielded no results so a Postal Enquiry has been sent to see about my report/letter. Radio Pilipines has not replied despite my sending numerous reports directly to the station. I even sent a copy of an article that appeared in a radio magazine, hoping it might generate some interest from the station. So far it hasn't. But that's not going to stop me from using another approach which I hope might get a response.

Forum: A lot has been written about how to write a useful and effective reception report, and how to verify the tough ones. You guys are obviously doing a number of things right. Please tell us what you think the keys are to your success. What advice would you give to someone who has verified 100 countries and would like to get to 200?

Bishop: Report to stations in 220 countries! There are no "secrets" to QSLing; a clear, polite letter and report, with a small souvenir perhaps, is about the best a DX'er can do. I usually enclose a packet of collector stamps. My reply rate is about 75%, and I get back a pack of stamps sometimes. My recommendation is to try several of the published techniques, and use the one or two that work the best.

Field: The way to start is to make a list of countries one wants to verify, then go to WRTVH to see when stations in those countries broadcast and when they might be heard on what frequencies in the person's geographical area. If the country has a station that has English broadcasts, then the person should try for that broadcast first. Also, one should consult *FRENEX* to see which of these countries are being heard, at what time, in what language, and on what frequency. (Some magazines used to have such lists.) Information gathered should be written on cards arranged by country, UTC, or frequency. I have used all three at one time or another, depending on which seemed to suit me at the time.

The only list I have now is of stations I want to hear, and they are arranged by UTC in a little notebook. I make a new one each Fall.

Kusalik: Make your report interesting, even if it is a tentative one, but at the same time be polite and ask if it was their station that you heard. Try to pick out "key phrases" in the program details you report—names, products, things that will make your report stand out. Indicate to the station your interest in the programming that you heard. Make your report interesting, not boring. I find that using colored bond paper makes your report stand out. And if you don't receive a reply in say six to eight months, try again.

By the time you have heard and verified your first 100 countries, you should be quite confident that you have a proven method and the next 100 countries should come from taking that extra effort in writing up your report.

* * *

That's it for this time folks -- come back next month for Part II of this panel session, and the first DX'ers Forum of the Nineties!



Easy Listening

Editor: Alex Batman, 300 Hill St., Apt. 6, Boone, NC 28607

SUNDAY

- 1530-1600 Swedish Spectrum (Radio Sweden International). Radio Sweden's program devoted to the arts and culture, usually includes three or four features per program. Past features have included an exhibition of the Swedish modernist painter Isaac Grunewald, a focus on the Icelandic National Ballet Company visiting Finland, and a book fair in Gottingen. (17.880/21.610). Second Sunday of the month.
- 0030v-0040v Science and Engineering (Radio Moscow). A program about scientific and technological advances in the Soviet Union, usually including two or three segments per program, some in response to listeners questions. Past programs have featured a new process for producing high quality industrial diamonds, a secret episode in the history of the Soviet space program, the Soviet space shuttle (Boron), and the use of microbes as a diagnostic tool for doctors. (9.720/9.685).

MONDAY

- 0040-0045 Science Report (VOA). Broadcast in special English, this five minute program airs every weekday but Tuesday (when it is replaced by "Agriculture Report." Each program focuses on one scientific development, many of them geared to third world listeners. Past programs have featured an inexpensive water filter for use in third world countries, an explanation of how to make thatched roofs more weather resistant and fire retardant, and an inexpensive but more sanitary latrines for use in third world countries. Weekdays, except for Tuesday. (5.995)
- 0215-0230 Kaleidoscope (Voice of Free China). Fifteen minutes of a potpourri of interviews and features, usually three or four per fifteen minute program. Past features have included interviews with pop stars visiting Taiwan, and interview with a Toy Association executive concerning an upcoming toy exhibition in Taiwan, an interview with an electronics executive about the annual electronics show, and a feature on a Taiwanese National Park. (5.590/9.680/11.740) Repeated on Tuesdays at 0315 on the same frequencies.

TUESDAY

- 2330-2345v Eminent Figures in Islam (Voice of United Arab Emirates). This program largely focuses on the women of Islam, especially the wives and daughters of the Prophet. Generally gives their biographies, famous anecdotes from their lives, and in general is a good introduction to the very early days of Islam when the religion was just beginning to spread. (13.605/11.985).
- 0330-0400 Discovery (BBC). A science program devoted to the most recent scientific findings, sometimes devoted to a single episode, sometimes including two or three features per program. Past features have included a new book on the physics of the brain, the "lensing" effects of quasars, research into the AIDS virus, and new techniques for restoring feeling and muscle control in victims of leprosy. This program is not for the scientific amateur. Discussions are highly technical but fascinating if you have the scientific background to follow them. (5.975/9.915).

WEDNESDAY

- 0015-0040 Panorama (Spanish National Radio). Program always begins with a Spanish pop song, followed by commentary, press review, and the weather in Spain. These are followed by a variety of features on Spanish life, including the election campaign in Spain, the installment of TV satellite dishes in a remote Spanish province, a get-together party for unmarried men and women in a small Spanish village, etc. These random features

are followed, depending on the day of the week, by special segments devoted to education, literature, business, science, etc. Wednesday night's program features the business scene in Spain. (15.110/9.630. Repeated at 0115 on the same frequencies and at 0515 on 9.630). Monday through Friday.

0330v-0340v Counterpoint (Radio France International). Radio France's fortnightly program on human rights around the world, usually focusing on a single issue per program. Past features have included President Mitterand's address at Paris '89 and the unrest in the Baltic Republics of the Soviet Union, the massacre in South Africa on the eve of elections, and allegations of illegal arrests and torture in Turkey (9.800). Every other week.

THURSDAY

1025-1028 Stock Exchange Report (Radio Australia). Radio Australia's report of financial doings in Australia, including the All Ordinaries Index (Australian equivalent of the Dow-Jones), currency exchange rates, and gold and silver prices, as well as commodities prices. Some individual stocks remarkable for their losses or gains are also reported. Since Australia is so far ahead of U.S. time, for those who like to play the market, this is a good program early in the morning for American investors to see how the market is doing elsewhere in the world. (9.580). Monday through Friday.

0145-0200 Talking from... (BBC). A series of reports, varying from week to week, from Northern Ireland, Scotland, Wales, and England. Past features have included a film being made in Scotland, an interview with the world's oldest living man (a Welshman), an interview with a Catholic/Socialist Northern Irish activist (who eschews the IRA), and a feature on a center in Scotland to help counsel those who are disfigured. (5.975/6.175/9.915).

FRIDAY

0045-0100 American Mosaic (VOA). A special English magazine program, usually including three segments per program, at least one of which responds to a listener's question, and one of which features a modern American performer. Past features have included International Letter Writing Week and how overseas students can contact an American pen pal, a feature on Robert Penn Warren (an obituary of him), whatever happened to Mark Spitz, the music of Pat Metheny, Tiffany Darwish, and Holly Dunn. (5.995).

0130-0135 The Arts in Czechoslovakia (Radio Prague). A one feature per program discussion of culture in Czechoslovakia. Past features have included a tree day music festival in Prague, a book detailing the influence of Italian architects in Prague in the 17th century, and a Czechoslovakian foundation for the arts, similar to the American National Endowment for the Arts (minus Jesse Helms). (5.930/7.345/9.540/11.990. Repeated at 0330 on the same frequencies). Every other week.

SATURDAY

1125-1130 The Cooking Show (Radio Beijing). A five minute rendition of traditional Chinese recipes, including all the ingredients and how to prepare the food. An unusual feature of this program is that they always include a tape of a Chinese chef (at one of Beijing's better hotels and restaurants) preparing the food and describing how he does it. The only trouble with the program is that an hour later you want to listen to it again. (That's an old joke, but four years later I wanted to tell it again). (17.855. Repeated at 1225 on the same frequency, at 0025 on 17.855/17.715/15.130, and at 0325 on 9.690).

0230-0300 The Ken Bruce Show (BBC). One of the best programs I've heard in quite a while. It's a music program featuring everyone from Judy Garland to Simon and Garfunkle, sometimes a little classical music, sometimes some David Bowie or Edie Gormet. Before or after the song, Ken Bruce usually relates some information about the performer (his biography, and unusual anecdote, etc), and most programs include a brief interview with one of the featured artists. Excellent listening for a Saturday night. (5.975/6.175/9.915).

the page

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 9510 KC **1.5kw**




BEC24
 KAHSIUNG TAIWAN CHINA
 高雄軍中廣播電台

Close

ANTENNA: DELTA MATCHED
 MOD: B CARRIER LAST STAGE
 PLATE MOD
 FINAL TUBES 888-Ax2



BEC-32
 空軍之聲
 VOICE OF CHINESE AIR FORCE
 1907 KAOHSIUNG ROAD, TAIWAN, CHINA

QSL *YOMK. PASHLEY*

Thank you for your letter dated 3/9 1956. Comments of All kinds will be greatly appreciated.

Sincerely yours
C. J. Au Director

FREQUENCY
 2800 K.C.
 5100 K.C.
 8775 K.C.

ARMED FORCES RADIO, TAIWAN



To Taiwan this time, a country that used to be well represented on the shortwave bands, particularly by the military. These QSL's are from Paul Karagianis, originally from Pennsylvania, then Cyprus and now the United Kingdom. +++ BEC24 was known as the Voice of the Armed Forces and, as the card shows, used to broadcast from Kaohsiung with 1.5 kw. on 9510 khz. There is a schedule on the back showing such programs as "Mandarin Rostrum," "News Behind the Iron Curtain," "Military Literary Works" and "Anti-communist Activity." BEC32, the Voice of the Chinese Air Force, used to broadcast with 3 kw. This QSL is from 1956. And the 1959 QSL from the U.S. Armed Forces Radio Taiwan was for a 1 kw. outlet on 7215 khz. +++ If you are interested in providing for the future of your QSL's, or would just like to know more about CPRV, send a business size SASE to the chairman at the address shown above. We'll be glad to fill you in. 73 -- 

A Committee of the Association of North American Radio Clubs



Listeners Notebook

Editor: Bruce MacGibbon, 2295 NE Juniper Ave., Gresham, Ore. 97030

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NOTE: GLENN HAUSER IN TUCSON, AZ FOR THE WINTER. His address is PO Box 44164, Tucson, AZ 85733. (Glenn Hauser, AZ). If you live in the area or plan to be in the area I'm sure Glenn would like to visit with you.

ALASKA - KNLS Sked Effective 11/5-3/25: 05-06 9785 RR Central USSR; 06-07 7405 RR Eastern USSR; 07-08 9785 RR Eastern USSR; 08-09 7365 EE Eastern PRC; 09-10 9785 RR Eastern USSR; 10-11 7365 JJ Japan; 11-12 7365 Mandarin Eastern PRC; 12-13 6095 RR Eastern USSR; 13-14 JJ Japan; 14-15 9785 Mandarin Central PRC; 15-16* 7355 EE Asian Pacific Coast; 16-17 9815 EE Central PRC, Eastern USSR; 17-18 7355 RR Eastern USSR; 18-19 7355 EE Asian Pacific Coast; 19-20 11700 RR Eastern USSR; 20-21 11700 JJ Japan; 21-22 11700 Mandarin Eastern PRC. * = Each Monday, Cebuano, Ilocano, Cantonese. (Direct)

ALBANIA - Details about shortwave broadcasting from Albania have always been very sketchy, particularly where its development and history are concerned. Some information has now come to hand which gives quite a good general background to Radio Tirana's services.

Radio broadcasting in Albania began on November 28, 1938, with a very small short wave station. Regular programs by Radio Tirana began only after the liberation of Tirana on November 27, 1944, and Radio Tirana's foreign language broadcasts commenced in 1946.

From 1946 to 1950, Radio Tirana broadcast 1 1/2 hours of foreign language programs daily in English, French, Italian, Serbo-Croatian and Greek. Later, the following language services were added: Arabic (1952), Russian and Bulgarian (1961), Hungarian and German (1964), Spanish (1965), Polish and Czech (1966), Indonesian (1967), Portuguese (1968), Rumanian (1969), Turkish (1976), Chinese (1978), Persian (1979) and Swedish (1981).

At present Radio Tirana broadcasts 63 hours of programs a day in 20 foreign languages. The station is part of a bigger organization known as Albanian Radio Television ('Radiotelevizioni Shqiptar (RTSH)' in Albanian) and is a state-run enterprise. The address for reports is: Radio Tirana, Rue Ismail, Quermal, Tirana, Albania (Australian Monitoring Service via Bob Padula's Column 'Shortwave Listening' in "Amateur Radio Action 10/89)

The Current Pub EG Language Sked w/notations: Eur 0630-07 on 7205 & 9500; 1830-19 1395, 7120 & 9480; 2230-23 1395, 7215 & 9480; NA: 2330-0000 6120, 9760, 11825 (Pub sked shows 23-2330 but that's wrong); 0230-03 & 0330-04 11825, 9760 (ILG adds 9500); Africa: 0430-05 & 1530-16 9500, 11835; Asia/Australia 08-0830 9500, 11835(ILG); 1130-12 9480, 11855(ILG). (Eric Swedberg, OR & s/d 89 ILG)

Radio Tirana External Service EE Programmes: Mon: 1st broadcast: Musical mailbag and Sports Magazine. 2nd broadcast: Leafing through the Marxist-Leninist Press. This week's programme. Tues: 1st broadcast: Leafing through our listeners letters. Wed: 1st broadcast: Classical music on our waves. 2nd broadcast: Albania-45 years after Liberation. Thu: 2nd broadcast: Profile. Fri: 1st broadcast: Socialism and the Youth. 2nd broadcast: Answering our listeners questions. Sat: 1st broadcast: Folk Music Spot. 2nd broadcast: Culture and Arts in Albania. Sun: 1st broadcast: Introducing you to Albania. 2nd broadcast: Marxism-Leninism-an ever young and scientific doctrine. Our broadcasts also contain: What we saw in Albania, Leafing through the Albanian calendar, Outstanding revolutionary events and figures, Outstanding figures of world progressive art, etc. (Eric Swedberg, OR)

ANGOLA - 11955, 1625, Radio Nacional - Voice of Freedom pgm in EE, poor

to fair on 10/30 (Bill Flynn, CA)

ARGENTINA - RAE now using two transmitters, broadcasts one hour earlier. Monitoring research 15-23 Oct 89. With the introduction of summer time in Argentina on 15th October, all broadcasts from RAE - the Argentine external service - are now observed one hour earlier. English is now at 1630, 21, 01 and 03 gmt. An announcement on 22nd October gave the frequencies for the 2100 gmt broadcast as 15345 and 11710. RAE had been operating on only one frequency following a transmitter failure last year. (WBI 11/3) 15779USB, R. Rivadavia, Program "RapiDiSiMO" consists of sports news, advertisements of "Banco de la Provincia de Buenos Aires" angu music, etc. Canned ID at 1134/1145 as "Transmite LS5 Radio Rivadavia en su frecuencia de 630kHz, Buenos Aires, Republica Argentina, y en su canal de radio comunicacion d todo en territorio nacional a traves del Satellite INTELSAT 5 a...el orbita sobre en ecuador." (Tekeshi Sejimo, Japan in Nishi-Tokyo DXers' Circle Tune No. 69 (NTDXC).) 15780.0LSB, R. del Plata, 2045-2133, SS, LSB mode reception. Program "El Radio Show", Radio Noticias del Plata". Canned ID as "En el aire Del Plata 1030 del dial, Buenos Aires, Argentina." & Transmite LS10 Radio del Plata en 1030kHz AM, Buenos Aires, Argentina." Fair on 10/8. (Tekeshi Sejimo, Japan in NTDXC Tune No. 69.)

BANGLADESH - Here is the complete, monitored Home Service schedule of Radio Bangladesh on shortwave: 0000-0330 4880(100kW); 0430-0905 15520(50kW); 09-1235 7080(7.5kW); 1230-16 4880(100kW); 1230-1730 15520(50kW). 15520 carries the Commercial Service of Dhaka B. Some of the older frequencies e.g. 6195 are still announced though not heard. Here is the Radio Bangladesh External Service Schedule:
08-0830 EE 15195, 17855; 1230-1330 EE 15195, 17850; 1315-1345 Nepali 11705, 15255; 14-15 Urdu 11705, 15255; 16-1630 AA 15255, 17805; 1630-18 Bengali 15255, 17805; 1815-19 EE 17805, 15255; 1915-20 Bengali 17805, 15255 (Supratik Sanatani, Aligarh, India via OZ DX No. 50 10/89)

BHUTAN -Via Kuensel (Bhutan Newspaper) 10/28/89 - Have You Heard? For better reception, BBS will broadcast on a new frequency from Wed, first of November. You can tune us on in the 60m.band 5025kHz and for listeners in Thimphu, FM96. The Bhutan Broadcasting Service - we're your radio station. (Eric Bopp, CA)

CHINA - Thanks to tip from Bob Bodell, OR and "The Northwest Regional China Council, Portland, OR, I was able to come up with the following:
From the 23 Oct 89, Portland, OR, "Downtowner", in Sheldon Baker's Column, "Baker Sez":

Local DJ to broadcast over Radio Beijing - How about the efforts of ex-KISN (the original KISN, that is) DJ Roger Morgan. He's put together a radio program to be broadcast over Radio Beijing this spring anchored by fascinating authoress Chin-ning Chu. American music, commentary-the first show of its kind ever aired in the Middle Kingdom. But it's pure demographics of the thing that are tantalizing: Morgan's estimate places the potential listenership at 50 million. The line to buy ad time forms over there behind all those capitalists.

Did you know that Chinese maps place China smack-dab in the center of the world? OK, you did, well, the Chinese have a name for their country which translates to "All Beneath the Sky," and on that note I'm going to "Hunan" for dinner...(Ed note: a local restaurant in Portland, OR.)

I (bmm) talked to Roger W. Morgan, who is employed by 'Northwest News Network'. His telephone # is 503-223-6769. I asked him why the article said 'Radio Beijing' when actually to be broadcast over "China People's Broadcasting" and he said because advertisers recognize the name Radio Beijing. He said that J. Walter Thompson and Ogilvy-Mather, two large New York advertising firms, represent major advertisers. They both have offices in Beijing and have done 'Listener's Surveys'. He told me that this program was going to be one of Entertainment w/music by Kenny Rogers, Neil Diamond, Michael Jackson, etc., and Social Commentary, like "How to Better Your Life" and "Social Etiquette." The program would be anchored by noted author Ching-ning Chu, who authored "China Mind Game", which is about 'Business tactics of Asian people'. The sponsors so far are a major fast food chain and soft drink company (but was not at liberty to give

me their names just yet). He said some programs had already been shipped to the 'People's Broadcasting Station' for their approval. The name of the program is "The Different Faces of the World" and is an hour-long program of contemporary music from various countries including the U.S. as well as commentary from Chin-ning.

I asked him how he could succeed whereas 'Chin-America' didn't. Thought Chin-America had been out of business now for about 6 months. He didn't know who had hosted that program. Wondered if I had any tapes of their programming. He would like to hear it. I don't, but if any 'FRIENDX' readers do, if they could send me a copy, I would really appreciate it.

Chin-ning Chu is key to the success of this program. (From my association with "The Northwest Regional Council", I understand she has quite a few friends in China) Note: Have yet to obtain an interview with her but I am working on it! (bmm)

Radio Beijing's Published EE Sked from 11/6: ECNA: 0000-01 9665, 9770, 11715; 03-04 9690, 11715; 04-05 11695; 05-06 11840; 11-13 9665; WCNA: 03-04 9770, 17855; 04-05 11695; 05-06 11840; 14-16 7405; Eur: 20-21 & 21-22 6920, 9920; 22-2230 3985; SE Asia: 12-13 & 13-14 9530, 11660, 11600; S.Asia: 14-15 & 15-16 11795, 15165; South Pacific: 0830-0930 & 0930-1030 17710, 11755, 15440; 12-13 15450, 11600; 13-14 11600; E&S Africa: 16-17 9570, 15130, 15110; 17-18 11575, 9500, 9570; 20-21 15110; 21-2130 11715, 15110; W&N Africa: 19-20 6955, 9440; 20-21 9440, 11715.

Radio Beijing Highlights of Features for December:

Music Album: A four-part series on China's first Golden-record winners. Listeners' Letterbox: Wild animals have close ties with human beings. But now they seem to be threatened by industrial pollutions and frequent harasses of men. This is like a shadow hanging about in the world. But what about China, since it has so many well-known wild lives? Are there animals in the danger of becoming extinct? Listeners' Letterbox on December 3rd and 5th will answer this question. Then Tune in to our Listeners' Letterbox program on December 17th & 19th for more about China's vigorously developing industries. Culture in China: The Mongolian Nationality is a people with rich and colorful culture. Tune in to Radio Beijing's "Culture in China" on December 7th for the last part of the series on the nationality, featuring the well-known Mongolian singer Dedma, and her beautiful songs. Travel Talk: Liaoning province in northeast China is known to the outside world as a heavy industrial base in China rather than a scenic spot. However, it's still a place that boasts many historical sites and charming landscapes. In December, Travel Talk will take you to Liaoning for an "armchair tour" of the Province. Travel Talk will be heard on Dec. 2nd, 9th, 16th and 23rd. China Anthology: 60 years ago, on the 2nd of December, Chinese archaeologists found in suburban Beijing a skull of a primitive man. It was determined to be 600,000 years old. This important discovery has aroused great interest among archaeologists of generations both at home and abroad. China Anthology will feature the discovery and its influence on the 3rd of December to mark the important event. (Lifang, Audience Relations, Radio Beijing) 4525, 1500, Nei Menggu, Donsheng, Mongolian, W talk then M (probably news), weak signal and ID'd by "Theme Music" at 1509-1511 then W talk & 1511* on 11/10 (bmm) 10010, 0958, CPBS-1 back here now from 10015 (clear freq)//7504 on 11/11 (bmm)

Chinese Jamming -The distorted audio from CPBS1 heard on Beijing jammers is really narrow-band FM. I heard one of these jammers in August. Apparently the transmitter had been used in the North American service but the antenna had not been changed. CPBS1 is not the only program material that is used. The frequency swing is about 14-16 kHz but the jamming bandwidth is somewhat wider. This type of jammer has also been used against the Taiwan CBS1 and CBS2 networks. When I log one of these I do so with the Chinese phrase "t'a ma-ti whose definition I found in the footnotes of Edgar Snow's "Red Star over China." (C.J. (Mike) Fern, Jr. KJ6DK, CA)

CYPRUS - For D89, effective 5 November, the Cyprus Broadcasting Corporation, at Nicosia, is listed for its weekend services in Greek, 2215-2245 on 6180, 7180 and 9535. These are on Fridays, Saturdays, and Sundays, for the United Kingdom, using the facilities of the BBC relay, with 250 kW. (Bob Padula in SWSN, ARDXC 10/89)

DENMARK - Radio Denmark Pub Sked 11/5-3/3/90: 10-1025 JJ, Far East

11845; 11-1130(1) Greenland, NA 15165; 12-1225 Australia, India 25850; 13-1325 S.Eur, Afr 25850; 14-1425 India, Australia 17840; 15-1525 ME 17865; 16-1625 S.Eur, W.Afr 25850; 1730-1830(1) Greenland, NA 15165; 19-1925 ME, E.Afr 15165; 20-2025 S.Eur, W.Afr 15165; 21-2115(2) Greenland, NA 15165; 2130-2145(2) S.Eur, W.Afr 11845; 22-2225 SAM 9720; 23-2325 ENA 11845; 0000-0025 SAM, Caribbean 9720; 01-0125 WNA 9720. 1=Relaying to the Danish Home Service. 2=Relaying to the Danish Home Service from Mon-Fri. Sat-Sun 21-2125 Greenland, NA 15165. (World News Edited by Noel Green in DSWCI 11/89)

ECUADOR - 3381v, R. Iris, now in Quito ex Esmeralda, Address: Edif. Benalcázar 1000, Av. 10 de Agosto y Riofrio. Sch: *10-14* & *22-01* (HN/RNM in WRTHLA via LA News edited by Finn Krone in DSCWI 11/89)

FRANCE - Radio France Int'l Pub Sked t/3/25/90 in EE: 1230-13 21645, 21635, 17650 NA & 15195, 15155, 11670, 9805 Eur; 14-1430 21770 Asia/Oceania 16-17 17850, 17620, 11705 NAfr, 17850, 17795, 17620, 15360, 12015(Gabon), 11705 (Gabon) Africa & Indian Ocean, 6175 Eur; 0315-0345 11995, 11705(Gabon), 11705, 9790, 7135 Afr & Indian Ocean, 9745, 7280, 6045, 3965 Eur; 9800(French Guiana) CAM; FF t/NA: 1030-1130 11670(French Guiana); 1130-1230 17650, 21635, 21645; 12-13 15435(French Guiana), 17860(French Guiana); 13-14 17650, 21635; 1330-14 17860(French Guiana), 21645(French Guiana); 14-15 17860(French Guiana), 21645(French Guiana), 21635; 15-16 17860(French Guiana), 17850, 21645(French Guiana), 21635; 16-17 17720, 21645(French Guiana); 22-23 15360, 11670, 9800; 23-0000 15435. 15360, 9790; 0000-01 9790, 5945; 01-02 9790, 5945; 03-0315 9800; 0345-04 9800; 04-05 11670, 9800 (George Poppin, CA)

GERMAN DEMOCRATIC REPUBLIC - Radio Berlin Int'l EE Sked to NA as announced on 11/6: ECNA: 22 9730; 2245 9730, 13690; 0045 & 02 6080, 11890, 13690; 0245 6080, 11890; 04 13690; 0445 15240; WCNA: 0245, 04 & 0445 11785, 15125. (bmm)

GUAM - High Adventure Ministries has increased the time it buys on KSDA on 15225 from 04-07 Mon-Fri to 04-08. EG is now 06-08. Transmitter construction at KHBN delayed by problem with the lease for the transmitter site. (Paul Hunter, High Adventure Ministries, on Radio Nederland's Media Network 11/10 via C.J. (Mike) Fern, Jr. KJ6DK, CA)

GUATEMALA - 5040NF, 1130, LV de Nahuala//3360 (Don Moore, MI via Glenn Hauser on RCI's SWLD 11/18) 17945vHarmonic(p), 0010, Radio Union, AWR, Guatemala(t), music; at 0027 religious vocal. M mentioned Guatemala. Heard 'Adventista' mentioned. Very weak on 11/1. 3 x 5981v & 0221* on 11/13 (bmm)

INDIA - All India Radio Weather Bulletin Freqs for expeditions in the Himalayas which give code names such as "Zulu" and "Aztec" can be heard at 1215 on 3905 & 7280. (Supratik Sanatani, India via "Sweden Calling DXers" #2067 Print 10/31) 7160, 1608, AIR, Aligarh, Sitar Music t/1615 then W "Please Standby for a Program, This is All India Radio. Then M talk. Fair signal up to 1615 then noise level picked up on 11/16 (bmm) 7340, 1215, AIR. Transmission for Northern Sri Lanka in Tamil. Tamil film songs and talks. Noted past 1700. Not listed in official AIR schedules or even in AIR's internal operating schedule. 7205 which is used for the same purpose 0630-0830 is however a listed transmission. Funny ways of AIR, because its present Ministry proudly says in its annual report that AIR has special programmes beamed to northern Sri Lanka for 12 hrs daily! Official AIR schedules silent on this! (Supratik Sanatani, Aligarh, India via OZ DX 10/89)

INDONESIA - 11745, 0830, Voice of Indonesia. Surprisingly weak during EE service, on 10/25. Apparently back here after using 11735 for a time. (Peter Bunn, Melbourne, Australia via his OZ DX Edition No. 50, 10/89)

IRAQ - Radio Baghdad in EE on 7290, 21-2255 and carrier off at 2310 & announcing 0230-0430 on 9730, 9515 on 11/7. Was looking for Bob Hill's Morocco logging when I found this at 2234. (Charles Wooton, VA)

IRELAND - Radio Dublin - Last month I sent another follow-up report to Mr. Eamon Cooke as I really would like to have his QSL. Well, I

registered the letter and requested a return receipt. Two weeks later, I received the return receipt which was signed by Eamon Cooke. Since then, I have heard nothing. I'm wondering...could it be Eamon is not allowed to mail anything? What makes me wonder is that I included return postage in the letter and I asked him if he could just send a postcard of Ireland and say something like "everything was fine" to let me know my report was correct. But how can you stop a person from mailing a postcard??? Is anyone out there going to Dublin in the near future? I'd sure like to know what's happening to the man (Father John Eckert, PA)

ISRAEL - Kol Israel's announced EE Sked on 11/6: 0000, 01, 02 1/2 hour EE News & Features Program to NA on 11605, 9930, 9435; 05-0515 News Bulletin to NA & W. Eur on 11588, 9435, 7460 & Australasia 17630, 15485. Alternate Freq 11655; 11-1130 W. Eur 21780, 17575, 11585 & Australasia 15650, 15485 & Alternate 17590; 18-1815 News to Europe on 11585, 11655; 20-2030 News & Features to W. Eur & NA on 15640, 11605, 9435 & Africa 17630 & Alternate 15485, 13750; 2230-23 NA & W. Eur 11605, 9930, 9435 & LAM 15615. Alternate 13750. (bmm) Reshet Bhet Sked as announced 11/5-3/3/90: 04-0610 9455, 9385, 7410; 0610-12 21760, 17545, 15615; 12-1625 21760, 17590, 17545, 15615, 11585; 1625-1730 17545, 15615, 11655, 11585, 9455; 1730-19 15615, 9455, 9385; 19-2310* 11655, 11585, 9455, 9385. (bmm)

Israel's Radio's external service transmission sked for 11/89-3/90 shows a new broadcast in Yiddish from 0340-0355 on 11655, 11605, 11588, 9930, 9435 & 738 and additional relays of domestic services in Moghrabi (Moroccan Judeo-Arabic) from 1725-1735. Easy Hebrew from 1830-1850 and Amharic from 1850-1905 all on 11655, 11585 and 576. The sked also shows a new service in Temanite (Southern Arabian Judeo-Arabic) from 1340-1355 on 21790 & 17575. (WBI 10/27)

ITALY - RAI EE Lang Sked t/Dec: Great Britain: 1935-1955 11800, 9710, 7275; Mediterranean Area 0425-0440 7275, 5990; Near East: 2025-2045 11800, 7235, 9675; S.Asia: 0350-0410 17795, 15300; Japan 22-2225 11800, 5990. (Kuntoshi Hishikawa, Japan)

JAPAN - Radio Tanpa had its yearly special on 11/2(11/3-Culture Day in Japan). I listened from 1544-1739 on 9595. Pgm ID at 1639 was "Money Radio" (Money Radio Network - Checked locally w/radio stations, and no one has heard of "Money Radio Network"). Radio Tanpa's ID was "World Super Network 89, Women Special". The part I heard was about investments. I personally miss the hook up w/Hawaii & HK. Could any of Japanese members find out why they don't do this anymore? (bmm)

JORDAN - 13655, 0632, Radio Jordan, EE, Song "Kiss Me Quick", W announcer said "Friday Morning Show live in Stereo" and gave freqs at 0636. Good signal on 11/10 (bmm)

DPR KOREA - Radio Pyongyang announced EE Sked to NA on 11/8: 23-23-2350 11735, 13650; 0000-0050 15115, 15160; 11-1150 9600, 9977, 11735; 13-1350 9600, 11335, 11735; SE Asia: 04-0450 17765, 15180, 15160; 06-0650 15180, 15160, 15115, 13650; 08-0850 15180, 15160, 15115; 13-1350 11735, 11335, 9600; Europe: 13-1350 9345, 9325; 16-1650 11760, 9325; 17-1750 11760, 9325; 20-2050 6576, 9345. Best Bets: 06-0650 13650 (West Coast); 11-1150 on 9977 (East Coast) (C.J. (Mike) Fern, Jr. KJ6DK, CA)

Korean Central Broadcasting Station, Pyongyang Sked: *1958-1800* 11680, 9665, 6100, 2850. Additional data: Regional Stations: These stations relay programmes from the Korean Central Broadcasting Station in Pyongyang when not carrying local programmes. Local programmes are carried from 05-06 approximately. Chongjin, North Hamgyong Provincial Station 3980; Hamhung, South Hamgyong Provincial Service 3220; Hyesan, Yanggang Provincial Service 3920; Kanggye, Chagong Provincial Service 11680, 3960; Pyongsong, South Pyongan Provincial Service 3350; Sariwon, North Hwanghae Provincial Service 2350; Sinuiju, North Pyongan Provincial Service 3920; Wonsan, Kangwon Provincial Service 3220. (WBI 11/10) 11650NF, 0800, Radio Pyongyang, EE//15115 on 11/13 (bmm)

KOREA - Radio Korea's announced EE Sked on 11/7: Europe: 08 7550, 13670; 18 15575; 2030 6480, 15575; Americas: 06 11830, 9570; 14 9750, 15575; 2330 15575; ME, Afr: 11 15575; 16 9870; 2030 7550. SE Asia: 14 9570.

General Service: 06 7275; 16 5975. (bmm) & Robbie Reeves, Troutdale, OR (real close to me) reports that talks will be underway between KBS-Radio Korea and Radio Canada International for a possible exchange of transmitter time. Talks will start on 11/3. (via Radio Korea's SW Feedback Program 10/22)

KUWAIT - Radio Kuwait in EE now 18-21. (Andy Sennitt on Radio Nederland's Media Network 10/27) 11990, 2307, Radio Kuwait, AA, ME music//15505, 15495. 11990 best freq on 11/14 (bmm) 13610, 0338, Radio Kuwait, AA, ME music wiping Radio Berlin Int'l co-channel, W announcer w/ID at 04 on 11/9 & on 11/10 heard them at 0724//17895. (bmm) 17895, 1735, Radio Kuwait, AA, ME music. At 1740 ID by M. At 18 ID in EE and seemed like they were going into EE program when suddenly dropped program & open carrier on 11/14 (bmm)

LEBANON - Voice of Lebanon back to winter time. News in EE on at 18-1825 6550 (BRT's 'Radio World Program')

LIBERIA - ELWA Sked effective 11/5: HS (EE/West Af langs): 3230 0610-0802 & 1805-2210 (2150 Weds & Fri); 4760 0555 (0655 Sun)-0802 (0817 Fri, 0832 Sat/Sun) & 1725-2230. FS: 6070 1555-2045 & 0825-18 Sat/Sun in FF/W.Af langs; 9550 12-1330 in FF/W.Af langs; 11830 0630-10 Sat/Sun, 1240 (1555 Sun)-2205 in EE/FF/W.Af langs; 11955 0655-0815 AA; 11960 0545-07 AA. (SW Station News compiled by Bob Padua & Mick Ogrizek in ARDXC 10/89)

LIBYA - Libya at 2115 on 15220v//15435, 15415 on 11/14 (bmm)

NEPAL - 5005, 1514, Radio Nepal(t), Nepali, Subcontinent vocal, time pips at 1515 then possibly ad then brief music and W & M talk. Weak on 11/10 (bmm)

NEW ZEALAND - Radio New Zealand Int'l - Shortwave Transmission Service Final for 10/28-3/3/90: Pacific Service: 1730-2005 17730, 15485; 2245-0045, 0230-0630 17705 & 0045-0230 (Sat & Sun only) 17705. Australian & Papua New Guinea Service 2245-0045, 0230-0630 15485; 08-1105 9850, 11780; 0045-0230 15485 (Sat & Sun only) (World News Edited by Noel Green in DSCWI SWN 11/89)

NICARAGUA - Ernie Behr, Kenora, Ont. hears 'LV de Nicaragua' Domestic Service on 5998.8 or .9 at 01-06 or 0627 instead of 6098.7 & Tim Hendel, FL hears 'LV' at 22 w/QRM Moscow via Cuba from 2345-05 (Glenn Hauser on RCI's SWLD 11/18)

NIGERIA - Voice of Nigeria - Only Voice of Nigeria's service to West Africa is currently being broadcast on 7255 only! Transmissions to North and East Africa, Europe, the Americas and Australasia, previously on 17800, 15185 and 15120 kHz, have been suspended due to transmitter faults. Sked: 0455-06 EE Af including 0455-05 Programme preview, 0530-0540 World news, 0540-0545 Commentary, 0545-0550 News about Nigeria; 06-07 FF; 07-08 Hausa; 08-11 EE Af including 0830-0845 News and press review, 0930-0945 News, 1030-1045 News; 11-12 Hausa Af; 12-14 FF; 14-17 EE Af including 1430-1440 News about Nigeria, 1440-1450 "Nigerian Newsletter", 1530-1540 World News; 1540-1545 Commentary; 1545-1555 News about Nigeria; 1630-1640 News about Nigeria; 17-18 Hausa; 18-22 FF Af. (WBI 11/3)

NORTHERN MARIANAS - KHBI, Saipan On 11/13 heard this change from sked in Nov LN: 18-20 on 11980 & 20-22 9455 & correction to Nov LN: 22-24 15275 & 0000-02 15445. (bmm) 11980NF, 1932, KHBI, W w/news followed by 'Letterbox' at 1934-1945//17770 (KHBI), 21640 on 11/13 (bmm) 15275, 2238, KHBI, Saipan w/QRM from KGEI 15280 in SS on 11/6 17770, 2149, KHBI, W talk but extreme QRM from KVOH on 17775 on 11/6 (bmm) 17780, 0610, KHBI, EE, M w/news weak on 11/13 (bmm)

NORWAY - Radio Norway Int'l EE Sked 11/5-3/3/90: Sundays Only - 06 Pacific 15165, Eur 5980; 08 Pacific, NA 15165; 09 India, S.Asia, Australia 17740; 12 NA 15165; 13 Eur 9590; 14 India, S.Asia, Australia 21710; 16 N&CAm 21705, 17840; 17 Afr 21705, NA 15305; 18 ME, E.Afr 15265; 19 Eur 15220; 22 15225 W.Afr, SAm; 23 N&CAm 9605; 24 SAm 9595. Norwegian Daily: 06 17765 ME, Afr, 15165 Pacific Ocean, 15160 Afr, 5980 Eur; 07 21730 Far East, New Zealand, 25730 Australia, 15165

W.Afr, Eur, 9590 Eur; 08 Far East, Australia 25730 Far East, New Zealand 17745; 09 25730 Far East, Australia, 17740 S.Asia, India, Australia; 1000 25730 S.Asia, Australia, 21705 Far East, New Zealand; 11 21705 S&Central Am, 25730 SAM; 12 21705 N&CAM, 15165 NA; 13 21710 Far East, Australia, 21705 N&CAM, 9625 India, S.Asia, Australia, 9590 Eur; 14 25740 S&CAM, 25730 NA, 21710 India, S.Asia, Australia; 15 25730 Afr, 15310, 11845 NA; 16 21705, 17840 N&CAM, 17790, 15220 ME, Afr; 17 21705 Afr, 15305 NA, 15220, 9655 Eur, Afr; 18 17730 Afr, 15305 NA, 15265 Eur, ME, Afr, 11860 ME, India; 19 17730 W.Afr, SAM, 15220 Eur, 11835 Eur, ME, Afr; 20 15220 W.Afr, SAM, 11835 Eur, Afr; 21 11850 W.Afr, SAM, 9605 Far East, Australia; 22 15225 W.Afr, SAM, 11850 SAM; 23 11845, 9605 N&CAM; 24 9610 S.Asia, India, Australia, 9595 SAM; 01 11925 N&CAM, 9615 C&SAM; 02 15310, 9565 NA; 03 11725, 9565 NA, 9650 ME, Afr; 04 11750, 9650 NA, 9610 ME, Afr, 9605 ME, India; 05 11840, 9640 NA. Norwegian Sunday: Same Freqs minus the EE Freqs on Sunday. (John Carson, OK & Eric Swedberg, OR)

PAKISTAN - 11570, 0131, Radio Pakistan, Pak music//21490 & 17660 (both weak) but 11570 on 11/17 & 11/20 same time on 11568. (bmm)

PERU - The following Peruvian Info via Finn Krone's 'LA News Column' in DSWCI 11/89:4860NF, R. Comercial Educativa, Jr. Trujillo 442-448 La Peca, Prov. de Bagua (AMA). Sked: *13-0300v*(HN/RNM in WRTHLA via DSWCI 11/89) 4860NF, R. La Hora now here, a move from 4977. Heard on 10/1 2250-0000 soccer. Advertisements "Banco del Sur del Peru", "Muebles Suená". Music pgm "Hora de la Juventud". Announcement: "Son las 20 horas en los estudios de Radio La Hora, la emisora de la juventud" (Daniel Camporini, Argentina) 5096NE, R. Eco, Iquitos - a move from 5012. Heard 10/20 0045-0105 international news in program. "Panorama Informativo". Advertisements: "Pilsen Callao" (beer), relay of VOA news program "Buenos Noches America". ID "Desde Iquitos, Capital de la amazonia peruana, Radio Eco presento: Panorama Informativo, el programa con la actualidad mundial". (Daniel Camporini, Argentina) 5188NE, R. Onda Popular now here 10/21 2330-2335 w/folklore, ann "En Radio Onda Popular les estamos ofreciendo nuestro programa Noches Estelares...para toda Bambamarca y el Peru en nuestra onda corta" (Daniel Camporini, Argentina)

SIERRA LEONE - 3316, 1855-1920, Sierra Leone B.S., EG/Vern. Program "Public Magazine" in Vern. 1858 W ID "You've been listening to the Public Magazine in the National Language. You're welcome to the Sierra Leone Broadcasting Service on ..." then program preview. 1900 drum-beats, EG news "World & National News". 1914 W ID "This is the SLBS from Freetown. The time is 15 past 7." Recently often heard around 1900. Note: According to their announcement, they have news programs as follows; 1900 World & National News, 2000 "National News" & "Public Magazine", 2100 "World & National News", 2200 Final "National News", 2300 "World & National News". Poor to Fair on 10/7. (Junichi Nishikawa, Japan in Nishi-Tokyo DXers' Circle (NTDXC) Tune No. 69.)

SOUTH AFRICA - Radio RSA's Sked effective 11/5-3/3/90: 02-03 EE on 11935, 9580, 9615 USA & Canada; 03-04 Afrikaans 7230, 4810 to southern Africa & Namibia; 0430-0630 FF on 11745, 15365, 15220 C & W Afr, Eur, Indian Ocean Is; 05-07 Ovambo on 7270 southern Africa & Namibia; 05-11 Afrikaans 11805, 11770 southern Africa & Namibia; 0830-10(Sun only) Afrikaans Dutch on 17745, 25790 to Kenya, Tanzania, Zambia & Eur; 09-10 (Mon-Sat) Dutch on 25790 Netherlands & Belgium; 10-11 GG 25790 Germany, Austria & Switzerland; 11-12 PP 15365, 11925 Angola & Mocambique; 11-12 EE 11900 t/E.Afr, ME, E.Eur, 11925 southern Africa, 21590 Eur, W.Afr, & 21535 USA, Canada; 12-13 FF 25790, 21535 C&W Afr, Eur & 15220 Indian Ocean Is; 12-13 EE on 21590, 11900 E&S Afr & 11805 S.Afr, Namibia; 14-18 Kavango 11805 southern Afr, Namibia; 14-16 EE 25790 E.Afr, ME, E.Eur, 11925 southern Afr, 21590 Eur, W.Afr & 21535 USA, Canada; 15-18 Lozi 11900 Caprivi & Zambia; 15-17 Swahili 15365 E & C Afr; 16-18 Chi-Chewa 5960 Malawi, Zambia & Mocambique; 16-22 Ovambo 6130, 4945 southern Afr & Namibia; 16-22 Afrikaans 4810 southern Afr & Namibia; 17-18 GG 21590, 17765 Eur; 17-18 PP 7295 Mocambique; 1730-1750 Wed. only) Danish 21535 Scandinavia; 18-19 Dutch 21590*, 17765 Eur; 18-19 EE 21535 UK & Ireland; 18-19 PP 11900 Angola, Guinea Bissau & Cape Verde; 18-20 FF 17745 W.N. & C Afr & 15365 Eur; 19-20 EE 21535 W.Afr, 7295 s.Afr & 15125 E.Afr, ME; 20-21 PP 15365, 11950 Portugal & Cape Verde; 20-21 SS 9580, 21535 Angola & Cuba; 22-23

SPAIN - Radio Nacional Espana carries a relay of RNE in Barcelona on Shortwave. Confirmed by RNE in letter just received here, QSLing my reception of 9 September at 0306 on 9360 (all SS). RNE did not provide any kind of full sked for this, saying only "was a relay of the domestic network and is aired regularly in Spanish. Most of our other stations in other cities do not relay with Madrid so often." Meaning, apparently, that RNE stations in other cities may also be on SW at times. (Gerry Dexter, WI) 11880NF, 0137, Spanish National Radio, EE, DX Program//9630 on 11/5 so EE Sked to NA is now 0000-01, 01-02 11880, 9630 & 05-06 9630 (bmm)

SUDAN - R. Omdurman at 1430 AA & 1530 EE on 9550 ex 9540 & never on 11625. Not every day. (Ernie Behr, Kenora, Ont. via GH on RCI's SWLD 11/18) & 11/20 on 9550 at 1540 M w/news & at 1542 ID and asking for reports to PO Box 762, Omdurman, Sudan. At 1549 W "Don't forget to write. Now is the best time!" From 1558 AA & lost at 16. (bmm)

SWAZILAND - TWR, Swaziland Sked from 9/3-3/3/90: Original Sked shows as per underlined: 03-0330 Ndebele Zimbabwe 90mb; 03-0330 Swahili E.Afr 31/25mb; 03-0345 Shona Zimbabwe 90/60mb; 0335-0350 Somali Somalia 25mb; 04-0430 Chewa Malawi 31/41mb; 044-0430 German RSA/Namibia 90mb; 0630-07 EE 90, 49, 25mb; 07-08 EE 49, 25mb; 08-0830 EE 49, 31, 25mb; 0830-1035 EE 31,25mb; 1445-1530 PP Mozambique 31mb; 15-1515 Malagache Madagascar 31mb; 1515-1545 FF, Madagascar 31mb; 1530-1545 Lomwe Mozambique 31mb; 1530-1545 Mozambique/RSA 60mb; 1530-1550 Urdu Pakistan 19mb; 1545-16 Shangaan Mozambique/RSA 60mb; 16-1730 Chewa Malawi 31/41mb; 1630-17 German RSA 60mb; 17-1745 Tswana Botswana/RSA 90mb; 17-1745 Zulu RSA 90mb; 17-18 Swahili E.Afr 31/25mb; 1730-1745(SS) Pedi RSA 90mb; 1745-1830 Portuguese RSA 90mb; 18-1830 Ndebele Zimbabwe 90mb; 18-1845 Shona Zimbabwe 90/60mb; 18-2035 EE E.Afr 25mb; 1830-19 Xhosa RSA 90mb; 1845-19 Umbundu Angola 41mb; 19-2245 EE 60mb; 19-1930 Lingala Zaire 31mb; 19-1945 Portuguese Angola 41mb; 1930-20 FF Zaire 31mb; 1930-23 EE 1170Khz. 90mb = 3200, 3240. 60mb = 4760, 4790, 5055. 49mb = 6070. 41mb = 7255. 31mb = 9550, 9640, 9730, 9610, 9650, 9745. 25mb = 11755, 11930. 19mb = 15150. (Yasuhiro Shiozaki, Yokohama, Japan in Japan Short Wave Club's, "SW DX Guide, Vol. 38, No. 11, Nov 89) (Strange Sked, so I guess you check all freqs!) 11910NF, 0334, TWR, Swaziland, Somali, IS then M w/ID. At 0335 another ID by M amid light music followed by talk on 11/10 (bmm)

TAIWAN - Voice of Free China's announced EE Sked from 11/5-3/25: 02-03, 03-04 5950, 9680 NA; 15345 Japan, Korea, 9765 Australia, New Zealand, 7445 Hong Kong; 02-03 11860 Malaysia, Vietnam, W.Indonesia, 11740 CAM; 03-04 11745 E.Indonesia & the Philippines; 07-08 5950 NA; 22-23 11805, 9852.5 Europe & 15370 Australia, New Zealand. (bmm) 7105, 0844, CBS2, Taipei, CC, No jammer, Good signal, W announcer, At 0849 band music, 0850 M w/ID then choir singing to 0851. At 0859, Lone Ranger Theme song followed by time pips then fanfare music & W w/ID into news. Signed off at 0955* on 11/10 (bmm)

TUNISIA - 15465NF, 2206 RT Tunisienne, AA, ME Music then M announcer taking phone calls one after another t/2218 the music & M talk. 2219 announcer whistling. S/off at 2336 on 11/9 (bmm) 17610, 1755*, RT Tunisienne, closes w/announcements in AA & AA music, fair on 11/1 (Flynn)

TURKEY - George Poppin, CA wins another trip!

The Voice of Turkey Joins The Big Leagues:

Imagine receiving a telephone call from Ankara at eleven o'clock at night and hearing the pleasant voice of Semra, one of the announcers at VOT. Yes, indeed, I would for it was my chance of a lifetime to visit the land of my heritage.

I had been sending regular monitoring reports to them as a gesture of good will and had recommended 9445 kHz, the frequency VOT has been using in their broadcasts to eastern North America for the past two years. The reception of VOT has vastly improved in eastern USA but needs attention for improvement on the west coast.

My wife Dottie and I went to Turkey as strangers, but returned as friends of that wonderful nation...thanks to the very generous invitation from VOT. The radio station had a contest inviting their

listeners to submit an essay on the subject of Yogurt. We joined the winners of the contest (a young lady from Yugoslavia, a Lutheran minister from Denmark. A winner from Soviet Union was a no-show and the person from Egypt could not come to Turkey because of military obligations. The contest winner from Albania, a lady who came a few days late and became ill a couple days later and had to be hospitalized.) Our hosts with their first class hospitality arranged for a motor van tour of the west, southwest, south, Turkish Riviera and up to Ankara from Nevsehir in central Turkey. Who will ever forget the beautiful city of Istanbul located in Europe and Asia, her mosques and minarets, the Bosphorus, beautiful bridges and views, the excellent cuisine? Travelling via van we were able to visit villages, towns and cities, see lush irrigated agriculture, the barren and yet the forested land area of Turkey. To step onto the land where walked Kemal Ataturk, Alexander the Great, the legions of the Roman Empire, the apostles Paul and John, the legendary area of Meryemana where Mary supposedly spent her last earthly days...is momentarily difficult to comprehend but from the distance of San Francisco the little pieces of the "big picture" of Anatolia's ten thousand year history are falling into place. Space does not permit a detailed explanation of every ancient ruin being rebuilt or including the conversations with people of friendly Turkey.

The facilities at the building housing VOT are CROWDED!! At times one would observe four and five people trying to do their radio work at one table and in one room. All of the staff will be very happy when they move to the new Turkish Radio Television broadcasting complex next year. Presently VOT is broadcasting in fifteen foreign languages along with Turkish and is using three 250 kW and two 500 kW transmitters (one of which is a Brown-Boveri) located just outside the city of Ankara. There are about two million workers from Turkey in Germany and the VOT broadcasts to that special target area constantly. Australia has many of Turkey's workers as well and thus the special broadcasts to that area. The programs to North America are special for many of the listeners of Turkish descent are in professional occupations and the growing interest in the programs of VOT by other Americans necessitates keener programming on the part of VOT.

It was an honored opportunity for me to sit down with the Chief Engineer, Program Manager and the Director of the Voice of Turkey and present our researched suggestions pertaining to several technical subjects and the VOT programs. I was very impressed with the youth and vigor of the Director, Raymen Somer, and his staff at VOT. Turgay, the Chief Engineer, speaks English as does Mr. Somer..who speaks English with an American accent for he had radio training in the USA and knew all about Monday Night Football and that round ball game called basketball. I was happy that they listened to our constructive comments and took them into consideration. All of my comments pertained to the long haul future for VOT. The VOT is entering the big leagues of world band radio broadcasting. We wish them well.

UNITED STATES - On "Listeners Letterbox" on 13770 on WCSN at 2124 on 11/13 they said that KHBI up and running. (See "Northern Marianas") WWCR, Nashville, TN - Program guide at 0405 UTC Tues-Sat on 7520. Announced in late October 89 this sked: 1330-02 15690 starting Mon-Fri UTC sign on 1345 or 1400 on Sat and Sun, closes at 0200; 02-05 Tues-Sat 7520; 02-04 Sun-Mon on 7520. (C.J. (Mike) Fern, Jr. KJ6DK, CA) Site for VOA transmission in CC on 17855 as mentioned in LN Nov Pg 30: 17855 is shown from *20-23* via Wertachtal, West Germany. (Thanks to Bob Palmer, WA for VOA D-89 Sked w/sites!)

U.S.S.R. - More details on former jamming transmitters used to relay republic broadcasts to Moscow - Radio Vilnius in English 2300 gmt 28 Oct 89. Text of "DX programme" report: Finally, we've got some more details about the transmitter used to relay the Lithuanian Radio home service from Moscow. This is the former jamming transmitter adopted for shortwave broadcasting. The site is located just outside Moscow and borders on the eastern suburbs of the city. The power is low, only 10kW. Second and third class telephone lines are being used to feed the programme to the transmitter so the low frequency response is just enough for speech transmission. The antenna of the transmitter beams the signal in two directions simultaneously, east and north-west. That's why the reception conditions are different within Moscow

itself. For example, in the southern parts of the city, on 6010 kHz, interference from the co-channel 240 kW Radio Moscow transmitter in Krasnoyarsk is observed. And the reception on 9675 kHz in the evening hours is impossible due to interference from strong European stations. (?Pavel Mikhaylow), editor of Radio Moscow DX programmes in Russian who sent us this information, adds that the relayed transmission of Latvian and Estonian home services originate from the same site, too. (WBI 11/3)

Feature on Lithuanian radio monitoring service - Radio Vilnius in English 2300 gmt 29 Oct 89: Test of "Listeners' Club" report -

We invite you to listen to a feature contributed by Rimas Pleikys, a journalist and an active DXer: (Pleikys in Lithuanian fading into English translation)

Today I would like to speak on the topic that has never been touched either by Radio Vilnius foreign service or the home service of Lithuania (?For long) decades before glasnost this subject was a taboo. It was banned by censorship. I have in mind here the Lithuanian monitoring service.

Up to quite recently the texts prepared by this service have been considered classified, or available only to authorized persons. The foreign radio broadcast bulletin was available to only a small group of selected people, such as the Lithuanian government leaders, the Communist Party bosses and the head of the national radio, television and editors-in-chief of some of the newspapers.

An interesting paradox. The Communist government took care to jam the foreign radio stations, while the bosses themselves, unwilling to expose their tender ears to the noises created on the air, preferred to read comfortably the next morning the corresponding texts printed overnight. They were interested to know what their so-called ideological (?expatriates) in the West were saying about them. Now the position is changing. The bulletin of the Lithuanian Radio monitoring service is available to every editor at the television and radio, and to every journalist in general. The possibility to make it available to every citizen is under consideration. And so I invite you to listen to my interview with Antanas Simkunas, head of the Lithuanian Radio foreign service. The matter is that the monitoring service is part of this editorial office at present:

(Simkunas in Lithuanian fading into English translation) The aim of this service is to gather information transmitted by foreign radio stations. Previously, this kind of information was not accessible to all, while now those recordings are indispensable indeed.

All the journalists and commentators want to know exactly what foreign radio stations say about Lithuania. This information is no longer banned. Anyone is welcome to make use of it, to quote any statements and so on. In the period of stagnation getting foreign news was looked down upon. Nowadays, our politicians and public figures have relations with foreign correspondents and supply information to them.

Here in Lithuania interesting events are under way and that accounts for the great amount of attention shown by foreign radio stations to Lithuania and other Baltic republics. One can often hear Western radio stations quoting reports coming from Radio Vilnius. By the way, Lithuanian People, too, are interested to hear news from abroad. Going by the sociological research questionnaires, 10% of the Lithuanian population pointed to the Western radio stations as their chief source of information.

(Pleikys) I'd like to make a comment at this point: 10% means at least that every one out of ten adult citizens of Lithuania finds the information coming from foreign radio stations most reliable. On the basis of it they formed a clear picture of what is really going on in the world. But the number of citizens who are regular listeners of foreign radio stations is still larger. I enquired of Radio Vilnius monitoring chief what stations are controlled by our monitoring service:

(Simkunas) In the first place it is those stations which broadcast in the Lithuanian language and which devote a great deal of attention to Lithuania. These are the Voice of American, Radio Free Europe, Radio Vatican. In addition to these we monitor the Russian broadcasts of some big radio stations such as BBC, Radio Liberty, Deutsche Welle, Radio Sweden.

(Pleikys) At the end of our talk Antanas Simkunas recalled that the Lithuanian Radio monitoring service was used to intimidate and

blackmail the initiators and the first activists of the Lithuanian Reform Movement, Sajudis:

(Simjunas) This (?banning variant) was overstepped when the people of Sajudis began to speak to Lithuania on foreign radio stations, because at that time it was still forbidden to express one's views freely and to speak of one's activities openly here in Lithuania. Some of the government officials made an attempt to blackmail the persons who had dared to speak on the Western radio stations.

(Pleikys) Up to now the bulletin of foreign radio broadcasts has been available only to a narrow circle of government functionaries and professional journalists, but at present this bulletin of foreign news is going to be printed in several thousand copies, so that any Lithuanian citizens may subscribe to it. Or maybe this bulletin will reach the reader in a different way, namely as a regular supplement of the weekly 'Kalba Vilnius' of the Lithuanian Television and Radio. This has still to be decided. And now some more technical information about the Vilnius monitoring service, which I suppose may be interesting to our DXers: The monitoring room is located about 10km to the southeast of Vilnius, not far from the Nemiezis settlement. I paid a visit to that place myself and had a look at the field of antennae. There are eight antennae in all - the chief and largest one of the Yagi type is directed towards the southwest. There are two horizontals and five (word indistinct) shortwave aerials. The communication receivers used are Soviet-made. They are called (?Bond 215). No recording is made at the station. The information is transmitted by an underground communications cable to the State Television and Radio Committee. Here it is recorded with the help of Hungarian-made tape recorders (?STM 600). The recording speed is 15 revolutions per second. The recordings are deciphered and radio information bulletins are compiled by Tass staff workers. So much about the Radio Vilnius monitoring service. (WBI 11/3)

Arkhangelsk Oblast Radio - This schedule shows local programmes only. At other times, Arkhangelsk Oblast Radio relays All Unio Radio's Second (Mayak) Programme or First Programme (until 1st January 1990). *02-20 RR Domesetec 5015. (WBI 11/10)

Khabarovsk Home Service in Russian - ? - 07 on 4610, 5965, 6005 (relays "Mayak", Moscow national No. 2 network, news and light music); 07-13 4610, 5965, 6005 (originates own programs) (Radio Japan DX Corner 11/6 via C.J. (Mike) Fern, Jr. KJ6DK, CA)

Radio Kiev's EE Announced Sked on 11/18: Eur: 19 on 6010, 6090, 6165, 7115; NA: 0030 & 0300 7400, 9765, 9800, 15180, 15455, 17665. (bmm)

Radio Minsk - Followup to Nov LN Page 30 (USSR) - Observed now at 2330 on 17665, 15455, 15180, 9765, 7400 as monitored on 11/17 (bmm)

Radio Moscow NA Service East Coast from 11/5-3/24: 21470(Petropav.) 2300-02 till 12/31; 17720(Petropav.) 23-03 & from 3/4-3/24 03-04; 17700 23-04 t/3/24; 17605(Petropav) 23-02 t/3/24 & 02-04 11/5-3/3; 15425(Petropav) 23-04 t/3/24; 12050(Khabaro.) 23-04 t/3/24; 12010 02-04 till 12/31; 11950 23-04 from 3/4-3/24; 11850 0000-04 from 3/4-3/24; 11735 23-04 from 3/4-3/24; 11710(Petropav.) 0230-04 from 11/5-3/3; 9895(Petropav) 0330-04 from 11/5-3/3; 9870(Lvov) 23-0000 from 11/5-3/3; 9720 23-03(Plovdiv) t/3/24 & 03-04 from 11/5-3/3; 9700(Stolnik) 0130-04 t/3/24; 9685(Vinnitsa) 23-04 from 11/5-3/24; 9530 23-04 from 3/4-3/24; 7310(Ivanofran) 0030-04 from 11/5-3/3; 7150 23-04 from 9/24-3/3; 7115(Plovdiv) 23-04 from 11/5-3/3; 6045(La Julia) 23-04 from 11/5-3/3; 6000(La Julia) 0000-04. (Direct & sites per s/d 89 ILG)

Radio Moscow NA Service in EE to ECNA as announced 11/5-6 & not completely monitored because some signals not heard on West Coast at all. Frequencies announced in EE in 5 kHz increments and some transmitters leave the air without prior announcement. 23-04 17840, 17700, 15425, 9855, 9755, 9720, 7150; 23-24 15405; 23-0230? 17605; 23-03 12050, 11750, 11730; 0000-04 9600; 01-02 21470; 02-04 9700, 7290. (C.J. (Mike) Fern, Jr. KJ6DK)

Radio Moscow NA Service West Coast from 11/5-3/24: 17770 05-06 11/5-3/3; 17720 04-06 from 2/1-3/24; 17700 04-05 from 2/1-3/24; 17690 04-07 from 2/1-3/24; 17665(Petropav) from 05-08; 17605(Petropav) 04-05 from 3/4-3/24; 15180 04-05 t/3/24 & from 11/05-3/3 05-06 & from 2/1-3/24 06-08; 13665 0530-08 from 3/4-3/24; 12050 05-08 from 3/4-3/24; 11790(Blagove.) 04-07 from 11/5-3/24; 11770 04-05 t/3/24; 11710(Petropav) 04-05 t/3/24; 9895(Petropav) 04-05 t/3/3; 05-06 t/3/24; 9825 04-05 & 05-06 from 2/1-3/24 & 06-08 from 11/5-3/24; 9580

0430-08 from 3/4-3/24; 9505(Komsom.) 0430-08 t/3/3; 7270(Petropav)
0430-08 t/3/24; 7260(Komsom) 0630-08 t/3/24; 7230(Nikolay) 0430-08
t/3/3; 7185(Blagove) 0530-08 t/3/3; 7175(Khabaro.) 0530-08 t/3/3;
5905(Vladivos.) 0530-08 t/3/3. (Direct & sites per s/d 89 ILG)

Radio Moscow NA Service in EE to WCNA announced on 11/5 & not
completely monitored because some signals not heard on West Coast at
all. Freqs announced in EE in 0.01 MHz increments. All of the freqs
below 7500 kHz were heard with Home Service programs after 08 and are
probably in the Far East. Some transmitters leave the air without
prior announcement. 04-05 15180, 12050, 12010, 11710; 04-06 9895;
0430-07 11790; 0430-08 9500, 7270, 7230; 0530-08 7345, 7185, 7175,
5905; 0630-08 17260. A single sideband transmitter on 7492 kHz is
heard carrying this service between 06 & 08. (C.J. (Mike) Fern, KJ6DK,
CA)

Radio Moscow World Service to the Far East in English as Monitored
11/6-10, incomplete as of 11/10: 13-14 on 4810, 5960, 7260, 7370,
9705, 79875; 14-15 6165, 7260, 7370, 9705, possibly 9895; 15-16 6165,
7170, 7260, 7315, 7340, 7370, 9705. (I have not heard the opening
frequency announcements on these transmissions) (C.J. (Mike) Fern, Jr.
KJ6DK, CA)

Radio Vilnius EE Sked as announced & monitored on 11/17: 2230 Eur
6110 & monitored at 23 15455, 15180, 9765, 7400. & on 11/20 at 23 also
heard on 17665 but is not announced freq. (bmm)

VENEZUELA - 4936v, 0922, R. Continental, SS, Suddenly on w/LA music,
0926 M w/ID on 11/10 (bmm)

VIETNAM - Voice of Vietnam - Domestic Sked: *2145-01 daily & 01-04 Sun
on 10059, 6448, 4895; 04-0630 12035, 10059, 6448, 4895; 08-09 Sun &
09-16 daily on 10059, 6448, 4895; 12019, 1001, Voice of Vietnam, EE, W
w/news about Vietnam, periodic QRM from something that sounded like a
race car. At 1015, 'Vietnam Today'. Best in LSB on 11/10 (bmm)
Regional Radio - Pgms in VV, Montagnard and/or Tribal languages. All
freqs and times are subject to constant variation. This list shows
latest available details: Bac Thai - 6616 103-05, 12-14; Cao Bang 6575
12-14; Gia Lai Cong Tum 4729 23-2330, 03-0430, 10-11; Hanoi City 7017
0000-01, 10-1230; Hoang Lien Son 6708 0000-0030, 04-05, 10-1030, 12-
13; Lai Chau 6252 04-06, 12-1345; Lam Dong 4413 0930-11, 1130-1230,
2230-23; Nghia Binh 4712 04-0530, 1050-14, 23-2330; Phu Khanh 5140
1030-1230; Son La 6323, 4772 03-05, 13-1330; Thanh Hoa 4884 1030-11;
Ha Tuyen 4820 12-1230, 23-24. (WBI 10/27)

YUGOSLAVIA - Radio Yugoslavia, Belgrade Sked: During summer time in
Yugoslavia, all transmissions will be heard one hour earlier. 0000-
0030 SS Eur, Am 11835, 9620, 7215; 0030-01 FF Eur, Am 9620, 5980; 01-
0145 EE Eur, Am 11735, 5980, 6005; 07-11 Sat & Sun Multilingual (For
Yugoslavs working abroad.) Eur, Au 21555, 9620 including 07-08 Sun
Radio Sarajevo (Serbo-Croat); 07-08 Sat Radio Novi Sad (Hungarian);
08-09 Sun Radio Pristina (Albanian); 08-09 Sat Radio Titograd (Serbo-
Croat); 09-10 Sun Radio Skopje (Macedonian); 09-10 Sat Radio Ljubljana
(Slovene); 10-11 Sun Radio Zagreb (Serbo-Croat); 10-11 Sun. Radio
Belgrade (Serbo-Croat); 13-1330 EE As,Au,Am 15325, 15165, 11735; 15-16
RR Eu,As 11735, 9620, 7165; 16-1630 Bulgarian Eu 9620, 7215; 1630-17
AA ME 11835, 9620, 7215; 17-1730 FF Eu,Af 15165, 9620, 7215; 1730-18
GG Eu 9620, 7215; 1730-18 Albanian Eu 6100, 5955; 18-1830 GK Eu 9620,
7220; 1830-19 AA ME 11835, 9620, 7250; 19-1930 RR Eu, As 7240, 7165,
6005; 1930-20 EE Eu,Af 17735, 7215, 5980; 20-2030 Bulgarian 6100; 20-
2030 SS Eu,Am 15105, 11835, 7220; 2030-21 GG Eu 7215, 5980; 22-2245 EE
Eu,Af, Au, Am 11735, 9660, 9620, 7215; 2245-23 IT Eu 7220, 6100; 23-
2315 except Thu IT Eu 7220, 6100; 23-2330 Thu Serbo-Croat (Programme
for seamen- an edited version of a Radio Zagreb transmission
comprising material from various Croatian radios.) As, Am 7240, 6005.
(WBI 11/3)

CLANDESTINE - 5408, Voice of the National Army of Democratic Kampuchea
10-16 in Cambodian. Vietnamese at 1430-1530 has been dropped because
Vietnamese troops have left Cambodia. (K. Kobayashi to Radio Japan DX
Corner on 11/13 via C.J. (Mike) Fern, Jr. KJ6DK, CA) 6823NF, 0500,
Radio Venceremos, SS, M talk. At 0504 ID on 11/13 & on 11/16 at 0443
on 6336//6833, and on 11/17 at 0052 on 6843 (didn't check for //). At
0128 //6347 & at 0311 6330//6843 & on 11/20 at 0152 6850//6326 & at
0226 6855//6334. (bmm)

15480, 2349, Voice of Democratic Kampuchea, Cambodian, M & W w/talk, brief bits of Cambodian music. Fair-good on 11/11 (Ralph Famularo, Japan) Note: Since Nov LN 17533 no longer heard at 2330. Only freq I hear is 9440. (bmm)

LV Del CID - 6310NF up from 6305 on 11/20 (bmm)

Voice of the DAB - Burmese opposition group to start clandestine radio broadcasts on 2nd December - 'Bangkok Post', Bangkok in English 28 Oct 89: Excerpt from report: The anti-Rangoon Democratic Alliance of Burma (DAB) will set up a radio station near the Thai-Burmese border and start broadcasts on 2nd December. The decision was announced yesterday (27th October) by Karen National Union (KNU) leader Bo Mya, chairman of the alliance, following a four-day meeting of the central executive committee held at a secret location in Burma opposite Tak. The alliance is made up of some 20 minority groups and Burmese students. Dr Em Matha, DAB Joint Secretary for Foreign Affairs, said the station will be called the Voice of the DAB and will make broadcasts on shortwave frequency 42 and 7.135 (MHz.) Daily broadcasts starting from 8.00am to 10.00am (presumably 0130-0330 gmt) will be presented in Burmese, English and various minority languages and dialects. Dr Em Matha said the station's ten-man board will be chaired by Aye Soung, a member of the People's Liberation Front. The station will send out KNU programmes on Tuesdays and Fridays and programmes of other minority groups alternately on the other days. Dr Em Matha declined to say how the station is financed, how much it cost for its set up and where it would be located... (WBI 11/3)

Voice of the Broad Masses of Ethiopia - New Ethiopian opposition radio traced - A radio station identifying itself as Voice of the Broad Masses of Ethiopia was observed broadcasting in Amharic at 03 on 10/23 on 7880 - one of the frequencies used by Voice of Tigray Revolution. The 45-minute broadcast contained news reports and commentaries focusing on recent military victories and commentaries focusing on recent military victories of the Ethiopian People's Revolutionary Democratic Front and supporting the Ethiopian People's Democratic Movement. (WBI 10/27)

Voice of the People of Kurdistan - Voice of the People of Kurdistan (Kurdish: Aira Dangi Gelli Kurdîstana) is hostile to the Iraqi government. The radio was first observed on 24th October 1988 but may have been in existence for some time. Frequencies vary constantly to avoid interference. Up to two of the listed channels have been observed in parallel at any one time. Transmission times are also variable; a broadcast from 13-1430 gmt has been observed in the past. Sked: 16-17 Bahdinani, Kurdish & 17-1730 AR 4040-4030v, 7100, 15950 (WBI 11/10)

Anti Libya Clandestines There are two different stations broadcasting programs in opposition to the present regime in Libya on the frequency of 11825. One of 'The Voice of the People, the voice of the Libyan National Movement', using the frequency at 11, 14 & 18. There is also a special transmission on Fridays at 0800. The other station is 'The National Tolling for the Redemption of Libya on 11825 at 06, 15 and 20. Both stations are very strong in N'Djamena, so it can be assumed that they are located in a country close to Chad. (Awada Ehemir Torna, Chad, in SCDX No. 205 via "Clandestine News" edited by Mathias Kropf in DSWCI 11/89)
Voice of the Libyan People - 9500, 21-2144 (Ernie Behr, Kenora, Ontario via Glenn Hauser on RCI's SWLD 11/18) 15700, 0734, M w/ID at 0735 into fanfare music on 11/1 but found them on 13730 on 11/7 at 0602 w/recitations & M talk at 0605 & just a jammer on 15700. On 11/9 on 11825 at 0602, M w/Quaran ex 15700 & 13730. (bmm)

Oromo Liberation - 9550v at 0330-04, 1630-17 & this freq is subject to variation around 9445, 9440, 9435 or 9540/9550 (WBI 10/20) & presumed them on 9540 at 1631 tune in to 17 on 11/19. (bmm)

Radio Voice of Ethiopian Unity - This radio station operates from transmitters in Sudan. 9540v at 04-06 & 18-20. Freqs used in the past include 11180, 9435, 9425 and 7100. The radio also announces 15789, 9677, 7142 and 5000 - none of which have been observed. (WBI 10/20)

Voice of Palestine/Syria - On 10/24, V. of Palestine was heard on 11625 at 1830-19* (Junichi Nishikawa in NTDXC Tune No. 69)

SRI LANKA - JVP clandestine broadcast observed on 4360 in the Sinhala language, which identified itself as being the radio station of the Sinhalese JVP organization, was observed on 10/4 from 13-1330. (WBI 10/20) Happy Holidays & Happy New Year 1990! Thank you for supporting LN in 1989. Hope you've enjoyed my compact style! 73's, Bruce

EAST ASIAN DX NEWS

ASIAN BROADCASTING INSTITUTE

Nov. 16, 1989

compiled and translated by Tetsuya Kondo, Japan

H O N G K O N G

Hongkong will make an overall revision of FM frqs from this Dec for improvement of reception condition. RTHK, Commercial R. and BFBS will bc on new FM frqs as from Dec 3, including frqs from many new txs.

Since Sep 18 these 3 stns have been shut down on FM from 1800 to 2200 for decision of a new FM frq plan and new txs have been tested. AM frqs of them is on the air as before. The test is scheduled to last 2 months.

The new frq plan is not opened now, however 49 txs in all for RTHK and Commercial R. will be started to xmit from Dec 3. These txs will be installed on 7 xmitting sites, respectively with 7 txs. 7 sites have been known as follows: Cloudy Hill, Castle Peak, Kowloon Peak, Beacon Hill, Golden Hill, Lamma Island and Mt. Gough.

(Hidetoshi Takashima, Mitsuo Yamada)

Main frqs used from Dec 3 by RTHK become clear. Hongkong Weekly reported this on No. 505 issue (Oct 13) as: RTHK Radio 1 on 92.6MHz, Radio 2 on 94.8MHz and Radio 4 on 97.6MHz. This magazine also reported that Radio 3 would add 1584kHz. And 783kHz would carry Radio 5 in place of Radio 1.

(Toru Hayashi)

According to TV & Entertainment Times No. 831 issue, RTHK will start a new service, Radio 7 as from Nov 12 2200UTC. It will be on the air daily at 2200-1600 on 621kHz. RTHK Radio 7 will bc traffic informations and entertainment of "golden oldies" with some Chinese tracks.

(Hidetoshi Takashima)

RTHK's another new service, Radio 6 will begin xmsn at the end of this year. It aims at "internationalized" pgms, Radio 6 will relay BBC pgms and VOA EG pgms. The frq and time sked are unknown.

(Isami Hyuga)

Hongkong Commercial R. English (CRE) has been extended to cover 24 hours since Oct 16.

(Hidetoshi Takashima)

K O R E A (DEMOCRATIC PEOPLE'S REPUBLIC)

KCBS is recently heard on a new frq of 3970kHz. First noted on Oct 22. This new frq is presumed to be from a regional stn of KCBS, maybe Hamheung or Hyesan stn. [cf. LN Nov, 1988 page 21]

(Hiroshi Fujita, Toru Yamashita)

Pyeongyang FM B.S. has extended its xmitting time since around Sep 10. The recent sked is 1000-2000 on 105.2MHz (Pyeongyang) and 92.5MHz (Kaesong).

(Toru Yamashita)

K O R E A (REPUBLIC)

A new FM stn, FEBC Taejŏn will inaugurate bc on Dec 1. The frq will be 93.3MHz, xmitted from 3kW tx installed on Sikchang-san (mountain). The callsign is assigned HLAD. FEBC Taejŏn will bc daily 9 hour/day.

(Toru Yamashita)

CLANDESTINE

A location of the V of the People, a clandestine stn to North Korea has been clear. Monitoring observations in Seoul has revealed that the VOP was located northwest of Seoul, correctly speaking Hwajŏn-ŭp, Koyang-gun, Kyŏnggi-do.

The monitoring had been done for the strongest signal. In front of a facility in Hwajŏn-ŭp (PHOTO 1), which had 10 poles for antenna, the VOP could be heard with SINPO: 55555. This strength was also obtained when an antenna was removed from a SW receiver.

There was a checkpoint in front of this xmitting site, a car was forbidden to enter.

By the way the VOP xmitting site is located just 3.5 km north of another clandestine to N. Korea, R. Echo of Hope. EOH is located in Kayang-dong, Kansŏ-gu, City of Seoul [see a map], however at a road map of Seoul, this site is marked as "International Telecommunication Laboratory"! In fact it has a signboard of same name in front of the gate. (Asian Broadcasting Institute)

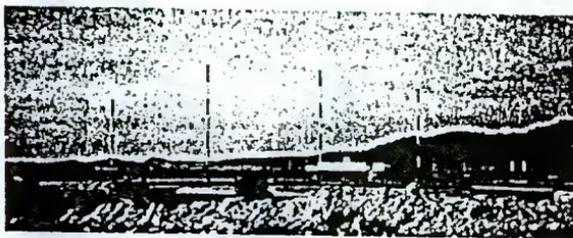
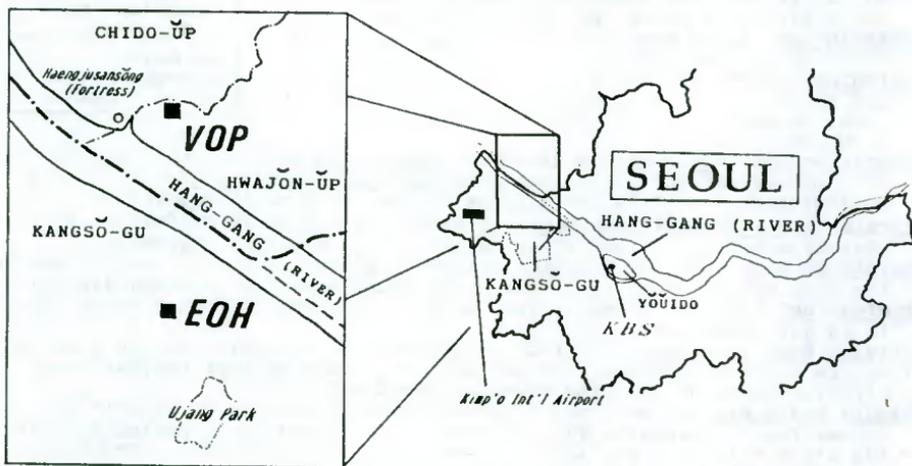


PHOTO 1

V of the People

0300-0400	6600vkHz
0900-1000	6600vkHz
1500-1600	3912vkHz
2000-2100	3912vkHz

Program in Korean



PHOTO 2

R. Echo of Hope

0200-0500	6348kHz
0900-1200	3985kHz
1400-1700	3985kHz
2000-2100	3985kHz

Program in Korean



The above is from a 1984 Seasons Greetings card which was sent to listeners from Radio Tashkent.

QSL

Please send reports and requests for report forms to:

Sam Barto
47 Prospect Place
Bristol, CT 06010

- ALASKA:** KNLS 11945 f/d "Station/Building" cd. in 18 ds. w/ sticker and schedule. (Lane-IL). 9840 same in 15 ds. for a taped rpt. and ms. (Klinck).
- ARMENIAN SSR:** Radio Moscow 17570 via Yerevan f/d cd. in 53 ds. (Hazzard-PA).
- ASCENSION ISLAND:** BBC Relay 21660 f/d ltr. in 6 wks. for \$1.00 direct to site. (Klinck). 11820 f/d ltr. in 69 ds. (Lane-IL). 15400 f/d ltr. in 60 ds. for \$1.00. (Hazzard-PA).
- ASIATIC RUSSIA:** Radio Moscow 21690 via Khabarovsk f/d "Bolshoi Theatre" cd. in 1 mo. (Kremer-IN). 15425 via Petropavlovsk-Kamchatsky f/d cd. in 53 ds. (Hazzard-PA). 15170 via Irkutsk f/d cd. in 1 mo. (Rigas-IL).
- AUSTRIA:** Radio Austria International 13730 f/d cd. in 74 ds. (Blight-MD). 15450 f/d cd. in 365 ds. 43 ds. after a f/up rpt. (Darling-PNG).
- AUSTRALIA:** VLQ9 9660 via Brisbane filled-in photocopy of the back of one of the stations QSL cds. in 24 ds. for 2 IRCs. Stickers rcvd. (Landau-NJ).
- BELGIUM:** BRT 9925 f/d "View of the Grand Palace" and "Egmont Square" cds. in 18 ds. (Zobro-MI).
- BOLIVIA:** Radio San Jose 5985 f/d "Certificado de Sintonia" cd. in 7 mo. on * my 6th try for a SP rpt. Pennant was rcvd. Station says they are the official voice of the mine workers. (Field-MI).
- BRASIL:** Radio Rio Mar 9695 p/d "Station Building and Map of Brasil" cd. in 33 ds. for a registered PT rpt. and 2 IRCs. (Landau-NJ). Radio Bras 11745 f/d plain slip of paper in 95 ds. w/ schedule. (Reeves-OR). ZYV3 Radio Brasil Campinas f/d ltr. in 7 wks. for a PT rpt. for a 1975 reception. Schedule was rcvd. This was after 6 f/up rpts. in PT. v/s Wilson R.C. Viana, Gerente. (Barto-CT). Radio Inconfidencia station returned original and f/up f/d prepared cds., stamped and signed with station emblem. This was in 1 yr. for a PT rpt., cassette tape and ms. (Huniwell-NJ). Radiodifusora de Londrina 4815 n/d "City View" cd. in 93 ds. for a PT rpt. and \$1.00. (D'Angelo-PA). Radio Guaiba 11785 n/d cd. in 27 ds. for a registered PT rpt. and 2 IRCs. Rcvd. a 30th anniversary booklet and station stickers. v/s C.A. Ribeiro. (Landau-NJ). Radio Difusora do Amazonas 4805 n/d "Vitoria Regia" cd. in 121 ds. for a PT rpt. and \$1.00. Verie statement was in EG w/ a request for underground erotic/sex comic books. (D'Angelo)... We got all kinds in this world... Sam.
- * Radiodifusora Jatui 4935 n/d ltr. in 1 mo. for a PT rpt. Sticker rcvd. (Field-MI). ZYG860 Radio Clube Marilia 3235 p/d ltr. in 2 mo. for a PT rpt. for a 1980 reception. v/s Jose Marques Beato, Gerente. Rcvd. station schedule. (Barto-CT).
- BULGARIA:** Radio Sofia 11750 via Ploudin and 11765 via Rebovo f/d "Stadium" cd. in 59 ds. w/ transmitter sites as I had requested. (Hoffman-PA).
- BURKINA FASO:** Radio-Tele Burkina 4815 f/d cd. in 29 ds. for a FR rpt. and 1 IRC. (Hazzard-PA).





آزاد کشمیر ریڈیو
Azad Kashmir Radio

MUZAFFARABAD

Frequency: 4440 kHz

Power: 1000 W

Phone: 4444

Telex: 4444

Radio: 4444

TV: 4444

R.F. No. 80/XXXX/270/86-9/6

Dated: 24.12.1986

Dear Mr. Richard E. Davis,

We thank you for your reception report of our broadcast of 10 December, 1986 on the frequency of 4790 kHz.

We broadcast on this frequency between 1200 hours to 1815 hours GMT. We very much regret that you could not get the confirmation of your earlier sent report. But it may be amusing for you as it is for us that no such reception report sent by you were received by us.

Bussaffarabad to the capital of Azad Kashmir. Azad means "Free". East of Kashmir is under Indian occupation. Location of Bussaffarabad is 75°-20' longitude and 34°-22' latitude.

Thanking you once again for your reception report,

Yours sincerely,

(Signature)
Muzaffarabad

Dr. Richard E. Davis,
117 Colarado Drive,
Portland, Ore. 97201-30,
U.S.A.

cd. in 7 wks. w/ schedule. (Barto-CT). 11630 and 10260 via Baoji f/d "Clay Sculptures" cd. in 9 wks. (Barto-CT). Voice of Pujiang 3280 and 4950 via Shanghai f/d cd. in 3 mo. (Barto-CT). Radio Beijing 17855 f/d cd. in 26 ds. (Hazzard-PA).

CLANDESTINE: Voice of the Khmer 6325 p/d cd. in 8 mo. Accompanying ltr. * apologizes for the delay in response. (Matthews-OH)... Good to hear from * you Bill!... Sam. Voice of Democratic Kampuchea 15110 and 9440 f/d cd. * in 1 wk. v/s Song They, Third Secretary. (Field-MI). Voice of the Liberation of Iran 15555 p/d cd. in 4 mo. via old Radio Vatan addr. in FRG. * (Barto-CT). Radio Quince (15) de Septiembre and Sistema Radio de la Resistencia f/d prepared cds. signed and returned together although mailed 2 weeks apart. This was in 1 mo. for a SP rpt. and \$1.00 each. (Huniwell).

COLOMBIA: La Voz de Yopal 5050 f/d cd. w/ ltr. in 42 ds. for a SP rpt. and * ms. Personal ltr. and postcards rcvd. v/s Blanca Lilia Silva G. and Martha Cecilia Secha P. The cd. was signed by Pedro Antonio Socha. (D'Angelo-PA). RCN Bogota 6160 f/d folding cd. and form ltr. in 50 ds. for a SP rpt. and ms. v/s Antonio Pardo Garcia. (D'Angelo-PA).

COSTA RICA: Radio For Peace International 21566 f/d cd. in 4 mo. for 2 IRCs. Station info. and schedule rcvd. (Hosmer-MI). 21565 f/d "White Dove" cd. in 88 ds. for \$1.00. v/s James Latham, Station Manager. (Hoffman-PA).

CUBA: Radio Habana Cuba 9730, 6060 and 11782.5 p/d ltr. in 3 mo. v/s Rolando Pelaez. (Barto-CT). 9710 f/d cd. in 5 1/2 mo. (Klinck). 9655 f/d cd. in 6 mo. (Hazzard-PA). Radio Moscow 11840 via Habana f/d cd. in 53 ds. (Hazzard-PA). 4765 f/d "Doll holding radio over map of the USSR" cd. in 93 ds. for a SP rpt. v/s Manolo de la Rosa, Productor Programa DX. Schedule and calendar were received. (Landau-NJ).

CYPRUS: BBC Relay Station 15310 via Lima-sol f/d cd. direct from station in 34 ds. (Rigas-IL). f/d cd. in 38 ds. w/ sticker. (Hoffman-PA). 21470 f/d cd. in 1 mo. for \$1.00. (Hazzard-PA). same in 46 ds. for ms. direct from site. Also rcvd. BEMRS sticker. (Hosmer-MI).

CZECHOSLOVAKIA: Radio Praha 5930 and 11990 f/d cd. in 45 ds. (Gaharan-LA).

DOMINICAN REP: Radio Mil 11700 via Radio Clarin p/d form ltr. in 294 ds. for a SP rpt. and ms. v/s Pedro Justiniano P., Vice Pte. Director General. (D'Angelo-PA).

CAMBODIA: Voice of the People of Kampuchea 11938 f/d paper QSL in 96 ds. after a f/up for a 1984 reception. Pennant rcvd. along w/ schedule and postage stamps. QSL was direct and not via Hanoi. (Hosmer-MI).

CANADA: Radio Japan 5960 via RCI f/d "Ripe Persimmons, Osaka" cd. in 82 ds. (Blight-MD). CFRX 6070 f/d "Toronto Waterfront" cd. in 238 ds. v/s Ron Hopkins. (Landau-NJ).

CHAD: Radiodiffusion Nationale Tchadienne 4904.5 p/d ltr. in schedule format in 55 ds. for a FR rpt. and 3 IRCs. Sticker rcvd. (Landau-NJ).

CHINA, PEOPLES REPUBLIC OF: Gansu PBS 4865 f/d cd. via Beijing in 17 ds. v/s Li Feng. (Palmer-MN). Radio Beijing 11600 f/d cd. in 30 ds. (Gaharan-LA). f/d "Ornament" cd. in 30 ds. w/ 2 magazines, schedule and papercuts. (Reeves-OR). Voice of Jingling 4875 via Nanjing p/d cd. in 42 ds. for an EG/CH rpt. and ms. Also rcvd. 2 colorful postcards. (Hosmer-MI). CPBS 9400, 11740 and 12200 f/d

**SISTEMA DE EMISORAS
"UNION RADIO"**



La Voz de la Iglesia Adventista
en Latinoamérica

TGMU	1330 kHz
TGMB	105.5 MHz
TGMUA	5980 kHz
	Onda Corta

Apartado Postal 51-C
Guatemala, Centro América

QSL

Certificado de Sintonia

RÁDIO NACIONAL DE MACAPÁ-AMAPÁ-AP.

Estação Para MR. JOHN L. SCRULLETTA - MAHOPAC, IY-U.S.A.

Agradecemos a seu relato de recepção. Confirmamos a exatidão dos seus detalhes de nossa emissão no dia 21 NOVEMBRO 1988 entre as 01:18 e 02:00 horas UTC. na frequência de 4.915 qHz. com 10 kW watts.

Seu informe confere com a nossa programação. Somos gratos por vossa ajuda e audiência.

Acomodadamente,

Eudson Monteiro de Lima.

Macapá/Am. 15.03.89

firma e selo

ECUADOR: Radio Federacion 4960 p/d ltr. in 37 ds. for a SP rpt. and ms. v/s Julio Tiwiram, Presidente. (D'Angelo-PA). **Radio Catolica Nacional** 5030 n/d ltr. in 111 ds. for a SP rpt. and 2 IRCs. Sticker and station data sheet. rcvd. (Landau-NJ). **Radio Antena Libre** 3240 f/d cd. w/ station sheet in 5 wks. for a SP rpt. and ms. v/s Julia Elena Medina Godoy, Secretaria. (Allred-ECU). **La Voz de los Caras** 4795 p/d ltr. in 6 wks. for a SP rpt. and ms. Station advised that they cannot exchange IRCs so ms. are requested with reports. v/s Ing. Marcelo Nevarez Faggioni. (Allred-ECU). **HCJB** 15155 f/d "Galapagos Island" cd. in 35 ds. (Reeves-OR). **Radio Nacio-**

nal 4680 p/d nice personal ltr. in 5 mo. after a f/up rpt. in SP for \$1.00. Postcards were rcvd. v/s Marco Caicedo. (Allen-OK)...Ophs! Should be **Radio Nacional Espejo**...Sam.

EUROPEAN RUSSIA: Radio Moscow 13745 via **Moscow** f/d cd. in 60 ds. (Rigas-IL). 9775 via **Tula** f/d cd. in 53 ds. (Hazzard-PA). 17655 via **Serpukhov** f/d "Bolshevik Theatre" cd. in 1 mo. (Kremer-IN). **RRG26 Radio Moscow** 18870 via **Moscow** f/d "Lenin Mausoleum" cd. in 2 mo. for USB transmission in RS. (Barto-CT). **Radio Moscow** 13870 f/d "Moscow State University" cd. in 3 mo. for USB transmission in EG. (Barto-CT)...

It is interesting to note that for the first time these QSL cards are stating "COMM. TRANSMISSION"...Sam.

FIJI: University of the South Pacific 12140 f/d prepared cd. w/ ltr. in 14 ds. for SASE. 150 * watts! v/s Kevin Maitava, Programme Officer. Addr: U.S.P., Department of Extension Studies, P.O. Box 1168, Suva. (Darling-PNG)...I have included this because many of our members are hearing this station. Gordon has QSLed the following which also operate on 12140khz: U.S.P. (**Solomon Islands**) v/s Glynn Galo, Acting Centre Director, P.O. Box 460, Honiara and U.S.P. (**Cook Islands**) v/s Joseph Waleanisia, Centre Director, P.O. Box 130, Raratonga...Gordon also states that there are USP stations in **Niue, Tuvalu, Tonga, Western Samoa** and **Vanuatu**...Thanks Gordon...Sam.

FRANCE: Agence France Presse FTR54-H3 17545.4 and **FTR54-H1** 17544.1 f/d cd. for reception of **Radio France International** USB relay in March 89. (Barto-CT).

FRENCH GUIANA: Radio France International f/d cd. in 105 ds. w/ schedule. (Reeves-OR). **Radio Beijing** 11685 via **Monsinery** f/d cd. w/ schedule in 29 ds. (Darling-PNG).

GABON: Radio France International 4890 via **Moyabi** f/d cd. w/ schedule in 46 ds. for a FR rpt. (Landau-NJ).

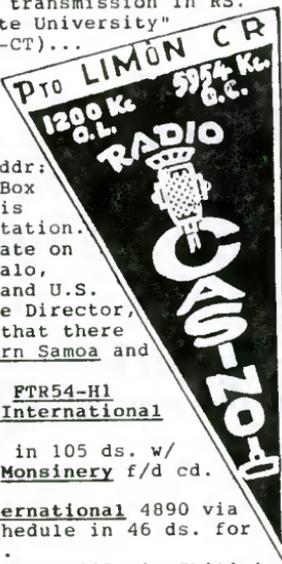
GEORGIAN SSR: Radio Moscow 17595 via **Tbilisi** f/d cd. in 53 ds. (Hazzard-PA).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 13610 f/d cd. w/ newspaper in 85 ds. (Levison-PA). 11785 f/d "Suhl" cd. w/ schedule in 150 ds. (Reeves-OR).

GERMANY, FEDERAL REPUBLIC OF: Deutsche Welle 9565 n/d cd. w/ ltr. in 60 ds. (Gaharan-LA). n/d "Trincomalee Relay" cd. in 45 ds. (Reeves-OR). **Suddeutscher Rundfunk** 6030 f/d cd. in 40 ds. for \$1.00. (returned). (Hazzard-PA). **Bayerischer Rundfunk** 6085 f/d cd. in 46 ds. for \$1.00. (Hazzard-PA).

GREECE: Voice of Greece 11645 f/d "Northern Greece" cd. in 40 ds. (Reeves-OR).

GUAM: KSDA Adventist World Radio 15125 f/d cd. in 53 ds. w/ schedule for \$1.00. v/s Donald McLaughlin. (Hoffman-PA). **KTWR Trans World Radio** 11805 f/d "Spanish Bridge" cd. in 3 wks. w/ paper pennant. (Field-MI).




MINISTRY OF INFORMATION AND BROADCASTING
 Telephone 10101
 Telegrams and Cables
 "QSL" Nairobi

VOICE OF KENYA
 FROM THE STATION ON THE EQUATOR
 via Bishop's Angola
 via *Bishop's Angola*

To confirm your report you must enclose a copy of
 the following: *English transcript* or *original*
 on the following: *QSL - 4334 Smt - 4334-4342*
 The enclosure may consist of *4334-4342*
 and may be in form of an other transmission based on a schedule.

This may be in form of an other transmission based on a schedule.

Signature: *Angus...*

HAWAII: WWVH 5000 p/d folder cd. in 14 ds. for ms.(returned). (Hosmer-MI).
HONDURAS: Sani Radio 4755 p/d form ltr. in 3 yrs. for a SP rpt. and ms. v/s Jacinto Molina Gonzalez, Director. Addr: Apto. 2040, Tegucigalpa. (Eckert-PA).
HONG KONG: BBC East Asia Relay Station 17875 f/d prepared cd. in 17 ds. for \$1.00. (Hazard-PA). f/d prepared cd. direct from site in 16 ds. for \$1.00. This was after a f/up rpt. (D'Angelo-PA).
ICELAND: Icelandic National Broadcasting Service 17560 and 15660 f/d "Viti Crater" cd. in 2 mo. What happened to the "Thingvellir" cd? (Barto-CT). 15767 f/d "Fra

Porsmork" cd. in 23 ds. for 2 IRCs. (Landau-NJ).
INDIA: All India Radio 11620 f/d cd. in 55 ds. (Hazard-PA). 5050 via **Aizwal** f/d "Taj Mahal at Agra" cd. w/ schedule in 4 mo. (Barto-CT).
ITALY: Italian Radio Relay Service 9860 f/d gray cd. in 2 mo. for \$1.00. (Palmerheim-MN). 9865 f/d cd. in 75 ds. for \$1.00. (Hazard-PA).
JAPAN: Radio Canada International 9650 via **NHK-Yamata** f/d "DIY" cd. in 36 ds. (Darling-PNG). **Radio Japan** 11865 n/d "Persimmons" cd. in 20 ds. w/ * schedule. (Reeves-OR). **NHK-Shobu** 3607.5 f/d cd. direct from station site in 18 ds. w/ info. sheet. (Palmerheim-MN).

RADIO BUCHAREST
ROMANIA
QSL

This confirms your report of
 March 1969 concerning our
 transmission of 17.30 GHz
 on 17660 kHz
 Your remarks are of great interest to us and your further reports will be much appreciated.

Mr.
 Wick Terrence
 Huntington, N.C.

JORDAN: Radio Jordan 9560 f/d cd. w/ schedule in 8 mo. (Connor-PA).
KIRIBATI: Radio Kiribati 14917.7 f/d "National Scout Camp" cd. in 6 mo. for a taped rpt. and 3 IRCs. (Eckert-PA).
KOREA, PEOPLES REPUBLIC OF: KCBS 2745 via * **Shinuijo** cd. w/ schedule and ltr. via Pyongyang in 3 yrs. and 6 mo. after a f/up rpt. (Darling-PNG).
KOREA, REPUBLIC OF: Radio Korea 15575 f/d cd. in 1 mo. (Palmerheim-MN).
KUWAIT: Radio Kuwait 15505 f/d folder cd. in 360 ds. (Darling-PNG).
LESSER SUNDAS: RRI Mataram 3222.9 f/d prepared cd. w/ f/d ltr. in 19 ds. for an IN rpt. and ms. v/s M. Soekino. C/V #200! (Palmerheim-MN).
MALAYSIA: Voice of Malaysia 15295 f/d ltr. in 1 mo. w/ a specific request not to send \$. v/s Lin Chew. (Hazard-PA).
MAURITANIA: Radio Nationale 4845 n/d "Map" cd. in 1860 ds. after a f/up rpt. * in FR w/ plenty of ms. (Woloch-QUE).
MONACO: Trans World Radio 9485 f/d cd. in 25 ds. for \$1.00. (Hazard-PA).
MONGOLIA: Radio Ulan Bator 12015 f/d cd. w/ schedule in 5 mo. (Terrence).
NEW IRELAND: Radio New Ireland 3905 QSL arrived in 91 ds. for ms. C/V # 200: Since this was a C/V milestone I fired off a thank you letter. (Hyson-NC).

NIGERIA: Radio Nigeria-FRCN 6050 via **Ibadan** f/d form ltr. in 44 ds. for \$1.00. v/s V.A. Kalejaiye. (D'Angelo-PA). **Voice of Nigeria** 7255 f/d cd. in 58 ds. for \$1.00. (Hazard-PA).
NORWAY: Radio Norway International 17780 f/d "Ramsdalshorn" cd. in 25 ds. (Reeves-OR).
PAKISTAN: Radio Pakistan 17660 f/d "National Broadcasting House" cd. w/ schedule in 55 ds. (Kremer-IN). 21740 same cd. in 113 ds. w/ schedule. v/s Anwar Inayat Khan, Senior Broadcast Engineer. (Landau-NJ). 11570 f/d cd. in 61 ds. (Hazard-PA).
PAPUA NEW GUINEA: Radio Morobe 3220 f/d ltr. in 32 ds. v/s A. Nase. (Field-PA). p/d ltr. in 1 mo. for ms. (Rigas-IL). **Radio Milne Bay** 3365 p/d ltr. w/ blank cd. in 5½ mo. for 2 IRCs. v/s Rodney Warren, Assistant Station Manager. (Allred-ECU). **Radio Northern** 3345 f/d "Map" cd. w/ f/d ltr. in 22 ds. for ms. v/s Misael Pendaia. (Palmerheim-MN).
PERU: Radio Onda Azul 4801 f/d cd. in 2 mo. for a SP rpt. v/s Maurecio Rodriguez. (Field-MI).

inravisión
 radiodifusora nacional de colombia



ONDAS MEDIAS:
 570 y 630 KHz
 ONDAS CORTAS:
 4.955 - 6.030 y 8.635 KHz
 F. M. ESTEREO: 98.9 MHz

BOGOTÁ D. E.



PERU: Radio Imagen 4970 f/d prepared cd. w/ personal ltr. in 46 ds. after a f/up rpt. in SP for \$1.00. Calendar and tourist data rcvd. v/s Adith Chumbe Vasquez, secretaria. (Allen-OK).

PORTUGAL: Adventist World Radio 9670 f/d cd. in 54 ds. for \$1.00. (Hazzard-PA).

QATAR: Qatar Broadcasting Service 11820.6 p/d ltr. in 3 mo. w/ schedule. (Barto-CT).

SOLOMON ISLANDS: SIBC 5020 f/d cd. in 34 ds. for ms. Glad to have this one. (Hosmer-MI).

SOMALIA: Radio Mogadishu 6790 f/d cd. w/ p/d personal ltr. + in 98 ds. for \$1.00. This was after 6 tries on an 83 reception. v/s Mohamed Hassan Had. C/V # 199 (Palmerheim)

SOUTH AFRICA: Radio RSA 9615 f/d "Karoo" cd. w/ schedule in 24 ds. (Reeves-OR). 11900, 15220 and 17780 p/d cd. in 3 mo. w/ schedule. (Barto-CT).

SRI LANKA: Voice of America 15250 via **Colombo** f/d cd. in 6 mo. after I called the VOA office in D.C. v/s Kathryn Ziehm. Don't give up John. (Eckert-PA). **SLBC** 11835 f/d form ltr. in 5 mo. w/ schedule. (Terrence-NY).

SUMATERA: RRI Palembang 4856 and 4855.8 p/d ltr. in EG in 4 mo. for an IN rpt. on receptions in 83 and 89. v/s Pskandar Suradilaga. (Barto).

RRI Sibolga 5256.4 f/d prepared cd. in 3 wks. for an IN rpt. and ms.

SWEDEN: Radio Sweden International 17880 f/d "Stockholm" (Palmerheim). cd. in 25 ds. w/ schedule. (Reeves-OR).

SWITZERLAND: Swiss Radio International 9885 via **Schwarzenburg** f/d "St. Gall 17th Cent. Oriel Window Art" cd. in 18 ds. for 1 IRC. (Landau-NJ). 6135 same cd. in 22 ds. for 2 IRCs. Also included was a program guide, history of the station, and other station data. This was my first ever QSL!!! (Wittschen-OH)...Congrats! I don't even want to remember that far back...Sam.

Red Cross Broadcasting Station 9885 f/d "Logo" cd. in 85 ds. (Reeves-OR).

TADZHIK: Radio Moscow 21585 via **Dushanbe** f/d cd. in 28 ds. (Darling-PNG).

TAHITI: RFO Tahiti 15171 f/d "Islander w/ Shell" cd. in 62 ds. for a FR rpt. and 3 IRCs. Also rcvd. photocopy of map and a listing of areawide radio/TV stations. (Landau-NJ).

TURKEY: Voice of Turkey 9445 f/d "Purses" cd. in 57 ds. (Reeves-OR).

Notes: Father John Eckert writes to let us know that he'll probably be attending the Winter SWL Fest in Feb. I'm planning on it but still not sure...Sam. John also says he is very pleased w/ the Kiribati QSL. Now he can get the DX DE PACIFICA Award. John gives a lot of the credit to **Kris Field** who had the courage to call him at 2AM. Nice going Kris.... my wife would of killed me!..Sam. **Charlie Hoffman** is working on a little project. He is trying to get the Europeans to put their transmitter sites on the QSLs. Looks like you had some success with Bulgaria...Sam. Keep trying. I was very impressed with the Bulgarian sites...Sam.

Joe Zobro in Michigan says he has a heavy work schedule. He is also experiencing a great deal of QRN...power lines? I've got the same thing here Joe. The DX just doesn't seem to be in as good as last year. **Sam.Guy Connor** has been doing a lot of pirate hunting lately. Lots of fun. Hopes to QSL 100 countries by the year 2000. Hi!

Radio Jordan
P.O. Box: W9 Amman
Richard A. D'Angelo Date 30.5.1989
2116 Burke Ave
Wilmington, Delaware U.S.A.
We have the pleasure to confirm your reception report dated 23-11-1988 on the frequency of 4560 KHz, at 1479 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 in Amman.
Faithfully,
R. A. Eckert
Director

Radio Nacional Malabo
República de Guinea Ecuatorial
Sr. Ernest S. Behr
Confirmamos su control de recepción
Frecuencia: 6250 kHz
Fecha: 7 de Nov 1987
Hora: 2100-2202 UTC

Dear Mr. Terrence,
 Many thanks for your reception report for Dec 30th 1965
 at 21.30-22.00 h. GMT on 42.16 m. It has been
 checked and found correct

Sofia, 25. (C19 84)

RADIO SOFIA, BULGARIA

The present QSL card is the first in a series of six. Two
 more of reception in a period of two weeks will outline you to the next
 number in the series. The last QSL card will be accompanied by the Bronze
 Diploma of Radio Sofia.

Notes: Norman Wittschen was extremely pleased with his first QSL (see Switzerland). He is now awaiting replies for his other reports... Sam. **Harold Butcher** in Hyde Park, MA has been twisting the dials for 49 years. He is presently trying to QSL all of the Soviet transmitter sites (you're not alone). Harry says that when he sends a report to Moscow the QSL is liable to have any site on it except throwing darts at a USSR map and what ya hit is what ya get! **Brent Allred** sent in his first contribution to the QSL Column. He is presently in Ecuador and all monitoring from Quito.

UKRAINIAN SSR: Radio Moscow 12000 via **Kiev** f/d cd. in 60 ds. Power listed as 100 KW (another Soviet first). (Rigas-IL). 15135 via **Vinnitsa** f/d cd. in 60 ds. (Rigas-IL). **Radio Kiev** 12000 f/d "River Scene" cd. w/ schedule in 86 ds. Stamps and calendar were rcvd. (Levison-PA). 11675 f/d cd. in 117 ds. (Levison-PA). 13645 f/d "Treasures" cd. in 57 ds. (Reeves-OR).

USA: WMLK 9465 ltr. in 196 ds. for \$1.00. (Darling-PNG). **Radio Marti** 9590 f/d cd. in 27 ds. (Hazzard-PA). **WWCR** 7520 n/d "Logo" cd. w/ schedule in 83 ds. for ms. Addr: 3314 West End Ave., Nashville, TN 37203. (Frodge-MI). 15690 p/d ltr. in 84 ds. v/s Brother David Terrell and Sister Bonnie Terrell. (D'Angelo-PA). **Voice of the OAS** p/d cd. w/ circular emblem in 54 wks. for a SP rpt., cassette tape and ms. (Huniwell-NJ).

2c
1c
1c

PO Box 474
BOROER, N.C.D.

Papua New Guinea
Radio Luce QSL via
Gordon Darling in PNG

BAR AVIATION
 You report on 7375 at 0745
 V.C. SUD: 25733

Call frequencies as:
 7375, 7440 and 8600 kcs.

For the reply please write:
 Radio Luce International
 PO Box 476
 F. 91504 Noumea CEDEX
 France
 Europe.
 R Luce the usual and 10600-8900 (u/c)

USA (Pirate): KNBS 7411 f/d "Cannabis 41" cd. in 12 ds. for 3 ms. to the Wellsville, NY maildrop. (Blight-MD). f/d brown leaf cd. w/ pennant in 2 wks. for ms. and a taped rpt. (Huniwell-NJ). **United World Radio** 7415 f/d "Logo" cd. in 46 ds. for SASE. f/d cd. in 51 ds. for SASE and a taped rpt. Also rcvd. station pennant which is only sent to those reporters who send taped rpts. (Blight-MD). **Voice of Stench** 7415 f/d "Turkeys of Free Radio" cd. in 23 ds. for ms. (Blight-MD). **Radio Carbonzo** 7415 f/d "Nuts Hell, We're Beans" ltr. in 170 ds. for 6 ms. after a f/up rpt. The station operator sent back \$1.00 because of excess postage and "busy summer and lazy butt:" (Blight-MD). 7412 f/d "Deer" sheet #40 ltr. in 160 ds. for ms.

v/s Harrison Bergeron. (Connor-PA). **Radio Chesapeake Bay International** 7415 f/d ltr. in 19 ds. for 3 ms. (Blight-MD). 6811 f/d ltr. in 18 ds. for ms. v/s Billy Sam. (Connor-PA). **Radio Flatulence** 7417 f/d paper cd. in 17 ds. for ms. v/s Marvin Maggot. (Connor-PA)....Something seems to be wrong somewhere. At one end of the shortwave spectrum we have all the religious stations while at the other end are the pirates....nothing in the middle. I wonder what the rest of the world thinks of us??? Sam. **Radio Flatulence** 7415 "Far out Radio" cd. in 21 ds. for 3 ms. (Blight-MD). **RPM** 7415 f/d "Logo" cd. in 13 ds. for ms. v/s H.V. Short. (Connor-PA). **WBST-666** 7488.8 "Pirate Head and Transmitter Photo" cd. in 10 ds. for a rpt. to the DC address. (Zeller-OH). 7488 f/d cd. in 9 ds. for 6 ms. and a taped rpt. (Blight-MD). p/d cd. in 9 ds. for ms. (Connor-PA). **East Coast Pirate Radio** 7415 f/d "Skull and Crossbones" ltr. in 2 wks. Addr: P.O. Box 6527, Baltimore, MD 21219. v/s N. Telsa, Chief Engineer. (Zeller-OH).



USA (Pirate): Radio Clandestine 7415 f/d ltr. in 144 ds. for ms. v/s R.F. Burns. (Connor-PA). **Radio Morania** 7415 f/d ltr. in 144 ds. for ms. (Connor-PA). **Free Radio One** 7415 p/d certificate in 3 mo. for ms. v/s Dr. R. Richardson. (Palmerheim-MN). **Radio Clandestine** and **Radio Morania** 7415 along with **Pirate Radio Network** 7355 f/d ltr. on Radio Clandestine stationary verifying the above three stations in 145 ds. for SASE. (D'Angelo-PA).

USSR: Radio Station Peace and Progress 15180 (Komsomolsk) 17835 (Frunze), 17730 and 15560 (Moscow), 17610 (Starbolesk), 15480 (Kenga) f/d cds. w/o sites in 2½ mo. Sites are presumed from latest ILG listing. (Barto-CT). **Radio Moscow** 11730 f/d "Moscow State University" cd. in 93 ds. (Levison-

PA). 9655 f/d "Bolshoi Theatre" cd. in 55 ds. (Reeves-OR).

Radio Moscow 15767 f/f cd. in 3 mo. for USB transmission in RS. Some of my fixed frequency books list a station w/ 60 KW as UWLO at Velikiye Luki, USSR on 15767. Anyone verify this or have a QTH for this station? (Barto-CT).

VATICAN: Radio Vatican 11780 f/d cd. in 95 ds. (Garahan-LA). 11830 cd. in 19 ds. after a f/up rpt. in 106 ds. (Darling).

VENEZUELA: Ecos del Torbes 4980 p/d ltr. in 6 mo. for a SP rpt. and \$1.00. v/s G. Gonzalez Lovera. (Zobro-MI).

Radio Continental 4940 f/d "Map of Venezuela" cd. in 2½ mo. for a SP rpt. (Field-MI).

WEST BERLIN: Sender Freis Berlin 6190 f/d cd. in 9 ds. w/ books and stickers for 1 IRC. (Hazzard-PA).

ZANZIBAR: Radio Zanzibar 11735 f/d ltr. in 29 ds. after * several f/up rpt. v/s Nassor Suleiman. (Paszkiwicz).

A Few Late Arrivals:

ASIATIC RUSSIA: Radio Moscow 21625 via **Chita** f/d cd. in 28 ds. (Darling-PNG).

BRASIL: Radio Nacional Sao Gabriel da Cachoeira 3375 f/d prepared cd. in 364 ds., 57 ds. after a f/up rpt., for a PT rpt. and ms. v/s Valdir de Souza Marques, Gerente.

COLOMBIA: Armonias del Caqueta 4915.2 f/d (Archer-NC). prepared cd. w/ station "Logo" cd. in 340 ds., 49 ds. after a f/up rpt., in SP for ms. v/s P. Alvaro Serna A. (Archer).

KOREA, REPUBLIC OF: Radio Korea 9750 f/d "Sunrise" cd. w/ schedule in 21 ds.

VENEZUELA: Radio Maturin 5040 f/d cd. which looks a great deal (Reeves-OR). like a cut and paste job on Bill Plum's blank prepared cd. Station has added its Logo to the cd. Card was rcvd. in 507 ds., 54 ds. after a f/up rpt. for a SP rpt. and ms. Pennant rcvd. v/s Alonso Hurtado, Director. (Archer-NC).

20° ANIVERSARIO "E.R.P.E."

INAUGURACION CENTRO DE CAPACITACION CAMPESINA EDUCAR ES LIBERAR. RIOBBA. 1962 MARZO 19 1982

Italian Radio Relay Service, P.O. BOX 10980, 1-20110 Milano, Italy. phone +39-2-266 6971

QSL CARD Number: 254

Thank you for your reception report of our transmission:

on: 14.01.89

at: 8.00 / 8.45

freq: 7160

which is in accordance with our schedule. We hope that you will continue to enjoy our programmes.

MR. NAME: Mr. Christos Rigas

ADDRESS: 4335 N. Moody

CITY: CHICAGO

STATE: ILL 60634

COUNTRY: USA

VIA AEREA / AIR MAIL

1982 RADIO 11800 BANDERANTES

1982 RADIO 11800 BANDERANTES

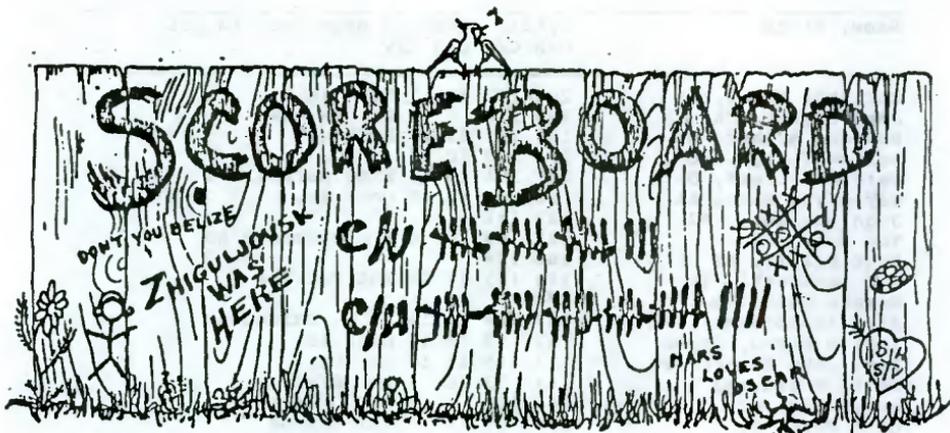
"THE CALL OF THE ORIENT"
Non-commercial Missionary Station
MANILA, PHILIPPINES

DZHS
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25 Meters

FAR EAST BROADCASTING CO., INC.

Thats it for another month. Ther are some very fine QSLs listed. Keep the reports pouring in. I need the work....Sam.

Sam



JERRY A. LINEBACK, Editor
 6361 Shore Dr.
 Douglasville, GA 30135

December, 1989

Welcome to Scoreboard. A special welcome to several newcomers this month. Please share your DX progress with your fellow DXers through Scoreboard. Please use the above address for all Scoreboard correspondence. The Spotlight this month is on Oceania. C/H=countries heard and C/V=countries verified. Country counts are to be guided by the NASWA Radio Countries List available from Headquarters. You must update at least once a year to remain on the Scoreboard. We thank all who have participated this month. Next deadline will be February 15 for the March FRENDX and the Spotlight then will be on South America.

Name, State	Total		Oceania Best		Oceania QSL
	C/H	C/V	C/H	C/V	

James Young, CA	238	224	20	20	Cook Is. 3264
John Tuchscherer, WI	235		20		Fiji
Gordon Darling, PNG	234	226	21	21	R. Cook Is.
Edward Kusalik, Alb.	228	225	20	20	Fiji 3230
William Flynn, CA	224	208	20	20	Honiara 5960
Marlin Field, MI	223	222	20	20	R Kerema
Jerry Berg, MA	223	221	18	18	Fiji
Roland Schulze, FRG	221	205	19	19	Cook Is.5045
Tom Gavaras, MN	219	216	19	19	Kiribati
Mitch Sams, KS	218	171	20	19	R. Northern PNG
Harold Cones, VA	217	203	19	19	Fiji (VRH)
Terry Palmersheim, WA	217	200	20	19	WSZO Marshall I
Bill Harms, FRG	215	151	18	13	New Ireland
Al Miller, OH	214	207	19	19	Fiji
John Sgulletta, NY	212	212	15	15	Cooks Is
C. Vernon Hyson, NC	209	196	17	16	R Noumea
Rick Krzemien, CA	209	190	20	19	Tonga
Steven Lare, MI	209	167	19	18	Cook Is.
Richard Davis, NM	208	197	19	19	Kiribati
Ron Howard, CA	208	190	21	20	Tonga
Kevin Atkins, AL	205	179	19	19	R. Enga
Jerry Lineback, GA	205	107	18	8	SIBS
Kirk Allen, OK	204	191	19	19	RRI Biak 500W
Del Fye, FL	202	187	19	16	Cook Is.
David Swaringen, NC	202	182	13	12	Kiribati
Sheryl Paszkiewicz, WI	201	187	19	19	Kiribati
Donald Hoamer, MI	201	154	19	16	R. Cook Is
Charlie Hoffman, PA	201	150	17	11	R Central 3290

Name, State	Total		Oceania Best		Oceania	QSL
	C/H	C/V	C/H	C/V		
Christos Rigas, IL	200	178	19	17		Cook Is
John Bryant, OK	199	176				RRI Merauke
Rowland Archer, NC	198	181	19	19		R. Enga
Nelson George, NC	191	168	18	17		
Harold Sellers, Ont.	191	154	19	13		WSZO Marshall I
Gayle Van Horn, LA	190	166	18	15		Cook Is.
John Huniwell, NJ	189	181				
Tom Daly, NY	188	40	19	4	R	Northern P/NG
Kent Willis, KY	183	136				
Tom Laskowski, IN	174	135	17	16		RRI Fak Fak
Norman Bobb, MN	174			15		
Fred Kohlbrenner, PA	167	129	15	10		R. N. Solomons
Ichiro Maruo, Japan	167	98	19	13		Cook Is.
Rev. John Eckert, PA	164	145	13	10		Kiribati
Kevin Klein, WI	164	73	15	4		NBC P/NG
Andy Rugg, Que.	161	140	7	7		ABC, Perth
Greg Hart, FL	152	88	14	9		RRI Wamena
Jim Renfrew, NY	151	111	10	8		Solomons
Carl Radtke, CA	146	146	10	10		Cook Is.
Peter Dillon, Greece	146	91	10	7		RFO Noumea
Carl Mann, NE	145	124	11	10		ABC Sydney 6090
Jim Streitmatter, IN	145			13		
Jerry Klinck, NY	144	121				
Thomas Ross, IL	143	122	11	10		Solomon Is BC
Donna Robinson, IL	141	104	11	8		Solomon IS
Jackie Cole, CO	130	93	10	7		Cook Is.
David Morby, NY	129	31	9	3		NBC P/NG
Dale Park, HI	127	37	15	4		KFBS first wk
Harold Levison, PA	125	92				
Joe Kremer, IN	120	69	9	6		Solomon Is
Robert Landau, NJ	119	93	6	6		VL4 P/NG
Joe Zobro, MI	110	82	12	8		RFO Tahiti
Robert Carlsen, OH	87	82	6	6		
Dennis Kelly, MI	73	60				
William Blight, MD	70	51	4	4		RNZ
Rev. William Peake, IA	34	14	1	0		

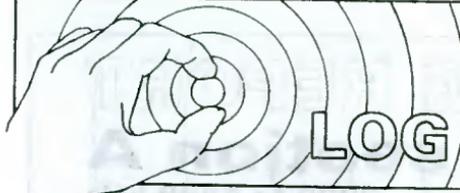
Thanks to all who have shared their totals with us this month. We encourage all NASWA members to share their totals with us through Scoreboard. Remember the next deadline is 15 February and the Spotlight will be on South America. Gud DX and 73s. *Jaz*

NOTICE, PLEASE

THE ADDITIONAL MONTH OF MEMBERSHIP GIVEN TO THOSE WHO FILLED OUT THE NASWA SURVEY HAS NOT YET BEEN FIGURED INTO THE RENEWAL DATES. THE ADDITIONAL MONTHS COMING TO THOSE WHO SUBSCRIBED TO DXTRA ALSO HAS TO BE CALCULATED. WE HOPE TO HAVE ALL OF THIS DONE BY THE END OF THE YEAR.

"FOR SALE" AND "WANTED" ADS ARE PRINTED FREE IN FRENCH FOR MEMBERS OF NASWA. SEND ALL ADS TO NASWA, 45 WILDFLOWER ROAD, LEVITTOWN, PA 19057. ON EQUIPMENT DEALS, PLEASE SPECIFY WHO IS TO PAY SHIPPING COSTS.

FOR SALE: Yaesu FRG-8800 with FRT-7700 ant. tuner, owners manual. Mint condition. Will ship UPS in original carton. \$400.00. Military type LM frequency meter, manual and original calibration book. \$25.00 plus shipping. Don Schied 23 Creek Rd. Chalfont. Pa. 18914. (215)822-3419 evenings.



FRENEX LOG REPORTERS

Distributing Editor: Kris W. Field, 431 Babylon Rd., Ambler, PA 19002-2302

FRENEX CONTRIBUTORS LIST — DECEMBER 1989 — DEADLINE 12th of MONTH

The following members submitted loggings this month:

Frank ADEN, Jr., Boise, Idaho	HQ180, Uniden CR2021, FRG7
Brian ALEXANDER, Mechanicsburg, PA	
Norman BOBB, Minneapolis, MN	Grundig Satellit 500
Bob BROWN, Lansdale, PA	NRD 525
David CARTER, Lynden, WA	Hammarlund HQ 100A
Allan COURTNEY, Lexington, KY	
Bob CURTIS, Colchester, VT	
Richard D'ANGELO, Wyomissing, PA	
Peter DILLON, Greece	DX 400
Paul EATON, Cleveland, NC	
Harold FRODGE, Midland, MI	R71A + Trap dipole
Luther HALL, Indianapolis, IN	Sony CRF 5100, Earth Orbiter
Joe HOWELL, Escondido, CA	
Rufus JORDAN, Pittsburgh, PA	DX 302, Zenith Transoceanic
Dennis KELLY, Roseville, MI	
Jerry KLINCK, West Seneca, NY	Kenwood R 5000
Fred KOHLBRENNER, Philadelphia, PA	NRD 525
John LACKMAN, Lexington, VA	
Tom LASKOWSKI, South Bend, IN	Icom IC 725, Sony 2010
Richard LEMKE, Alberta, Canada	R71A, Sony 2010, longire
Harold LEVISON, Philadelphia, PA	
Don MOORE, Big Rapids, MI	R 5000, FRG 7, ICF 7600D
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD 515
John PIRNAT, Denver, CO	Sony 2010
John PRATH, Ft. Lauderdale, FL	NRD 525, R71A
Leonard R. PRICE, Annandale, VA	R2000, ATS 803, GE World Monitor
Robbie REEVES, Troutdale, OR	
Wally RHYNE, Gastonia, NC	
Christos RIGAS, Chicago, IL	R71A, R1000, Sony 2010
Bob RYDZEWSKI, Santa Cruz, CA	Kenwood R 2000, Sony 2010
Roland SCHULZE, Stuttgart, W. Germany	
J. STREITMATTER, South Bend, IN	Drake R7 & SPR4, Kenwood R 5000
John TUCHSCHERER, Neenah, WI	Yaesu 7476X, Sony 2001
Steven WALLEY, Moreno Valley, CA	R70, FRG 7700
	Sony 2010, R-600

That's quite a list of contributors and the loggings are even more impressive this month. I guess everyone's starting to spend a little more time with their radios lately. Good! Welcome aboard to Paul Eaton, a new member and thanks to all for the loggings.

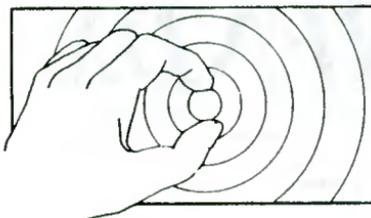
I had to send out two mailings this month. The majority of the loggings went out the morning of 13 November. When I got home from work that day, there were envelopes with loggings from five more contributors! There were too many good loggings to hold until next month's mailing so I sent them to the editors on the 14th. I can't do that every month but I figure that if the post office would have been open on Veterans Day everything would have arrived on time. So keep up the good work and keep sending those loggings!!

I hope the holidays are the best for everyone this year and that special QSL or two shows up in everyone's stocking! Merry Christmas, Happy Holidays and see everyone in the 90's!!!

Until next month,

73, Kris

Don't forget the ANARC Net on Sunday mornings.



LOG REPORT

section A

2000 to 4899 kHz

Editor: Bob Brown, P.O. Box 591, Colmar, PA 18915

- 2260 USA WEBE/WEDE? (2x1130H) 1107-1114 Oldies, ID but not listed in my 2yr old NR log. Poor (Moore-MI 10/13)
- 2310 AUSTRALIA VL8A 0856 EG, nx, items on Calif. quake. Poor (Kohlbrenner-PA 10/19)
- 2360 GUATEMALA R. Maya de Barillas 1140 Full ID w/ freqs by OM @ t/in. "...desde Barillas, Huehuetenango, R. Maya TGBA, en 3325 khz. banda de 90 metros. En los 2360 khz. banda de 120(?) metros." Vy nice sig, //3324.8 (Allen-OK 10/10)
- 2390 MEXICO R. Huayacoctla 0051-0110* Excellent lvl w/pop mx, OM id w/tuba band in backgrnd, YL s/off anmnts. More pop mx to 0109, NA & off. (Moore-MI 10/25)
- 2706.3 UNID - INDONESIA 1239-1304, Tnx phone tip fm Mitch Sams. YL ancr mentioned "Pemerintah warta berita". Vcl mx, some w/C&W flavor. Poss. ID @ 1251 w/tent ment of "R. Pemerintah" but unsure w/fade. Gone by 1304 (Allen-OK 10/15)
- 2900 USA WDXR Paducah, KY (2x1450H) Noted most eves. w/rock mx, ID Poor-Fair (Moore-MI)
- 3220 NEW GUINEA TERR. (PAPUA NEW GUINEA) R. Morobe 1215-1243 Pidgin, choral, pop, & C&W mx, ment. PNG & R. Morobe (Paszkievicz-WI 10/28)
- 3235 NEW BRITAIN IS. (PAPUA NEW GUINEA) R. West New Britain 1038-1109 Pidgin, tribal vcls w/drums to 1049, tlk by OM. EG ID and EG nx w/many items about West New Brit. province. SIO 232 (D'Angelo-PA 10/9)
- 3245 BRAZIL R. Clube Varginha 2300PT, ID, sound effects, FC (Paszkievicz-WI 10/23)
- 3255 LESOTHO BBC Relay 1747-1800 EG, ID, political rpts, time pips @ 1800 //pgm on 3955 (Schulze-FRG 10/8)
- 3260 NEW GUINEA TERR. (PAPUA NEW GUINEA) R. Madang 1055-1132 ID, tlk by OM in EG & lcl lang. US pops. (Alexander-PA 10/7) (Lackman-VA 10/13) (D'Angelo-PA 10/11)
- 3264.6 CELEBES (SULAWESI, INDONESIA) RRI Gorontalo 1150-1215 IN, Nice lcl mx, clear "Radio Republik Indo. Gorontalo" ID @ 1158, SCI @ 1159 then into nx by YL. Fade by 1205 (Laskowski-IN 10/14) 1207-1228 (Paszkievicz-WI 10/14)
- 3279.8 ECUADOR La Voz del Napo 1023 SP, mx, morning greetings, ID @ 1025. Fair (Kohlbrenner-PA 10/19)
- 3280y MOZAMBIQUE R. Mozambique, Beira 1704-1715. Veneculars, ID, nx & sports nx, "Radio Mozambique, Beira" ID (Schulze-FRG 10/11)
- 3380.6 MALAWI MBC Blantyre 1718-1755 Chichewa, pres. ID, mention often of "Malawi", African folk mx, QRM. (Schulze-FRG 10/11)
- 3315 ADMIRALTY IS. (PAPUA NEW GUINEA) R. Manus 1130-1210 Pidgin, lcl and US pop mx w/tlk. ID @ 1207 ment of Lorengau. Peak @ 1200 (Laskowski-IN 10/13) 1101-1136 (D'Angelo-PA 10/15)
- 3315.1 ECUADOR R. Pastaza 1034-1057 "Buenos Dias Ecuador" pgm. Clean IDs w/nice EZL HC mx. Sevrl ads. Fade by 1045 (Allen-OK 11/3)
- 3316 SIERRA LEONE SLBS 2252-2308 FR, lcl mx w/OM & YL anncrs, EG ID & TC @ 2300. (Tuchscherer-WI 10/14) (D'Angelo-PA 10/6)
- 3324.8 GUATEMALA R. Maya de Barillas 1032 Mx, ID by OM @ 1035. Poor (Kohlbrenner-PA 10/19) (D'Angelo-PA 10/11)
- 3325 BOUGAINVILLE IS. (PAPUA NEW GUINEA) R. North Solomon 1103-1119 Pidgin, OM ancr w/5 ID's counted, instr & vcl mx. Good (Streitmatter-IN 10/13)
- 3335 NEW GUINEA TERR. (PAPUA NEW GUINEA) R. East Sepik 1134-1145 EG, instr mx, ID - "You are listening to R. East Sepik". Poor (Streitmatter-IN 10/14) (Laskowski-IN 10/12) 1112-1137 (D'Angelo-PA 10/9)
- 3339.6 PERU R. Altura 1025-1035 SP, mstly tlk by OM, ID @ 1032. One campo tune. (Alexander-PA 1021)

- 3345p PAPUA TERR. (PAPUA NEW GUINEA) R. Northern 1158-1230 LL, choral mx, nx, ment PNG, anthem, ads, pop mx. (Paszkwicz-WI 10/15)
- 3355 NEW GUINEA TERR. (PAPUA NEW GUINEA) R. Simbu 1109-1133 Pidgin/EG Pgm of EG lyric rock mx w/OM anncr., TC & ID "You are listening to R. Simbu" SIO 222 (D'Angelo-PA 10/14)
- 3360 GUATEMALA La Voz de Nahula 0219-0259 SP, mx, tlk by OM, ID @ 0258. (Kohlbrener-PA 10/21)
- 3365 PAPUA TERR. (PAPUA NEW GUINEA) R. Milne Bay 1055-1120 Tlk by OM in lcl lang. Flute type IS @ 1100. Snds of roosters & chickens! IDs, lcl vcl mx. (Alexander-PA 10/7)
- 3385l BRAZIL R. Educacao Rural 0934-1004 Tent. w/what sounded like the ZY govt. pgm Minerva, usually on in eves., definetely the same mx interludes. Poor/fading fast. (Moore-MI 10/25)
- 3385 NEW BRITAIN (PAPUA NEW GUINEA) R. East New Britain 1045-1055 ID & TC @ 1047. YL ancr. tlk in EG & lcl lang. lcl island mx. Still boomin in @ 1150 when other PNGs were barely audible. (Alexander-PA 10/7)
- 3395 NEW GUINEA TERR. (PAPUA NEW GUINEA) R. Eastern Highlands 1102-1114 EG, nx by OM, ID @ 1104 "This is NBC National news", lcl anncr tlk & TC. SIO 242 (D'Angelo-PA 10/13)
- 3955 ENGLAND BBCWS 1840-1855 EG, Pgm Multitrack, IDs, interview w/singer. Fair (Dillon-GREECE 10/13)
- 3975 ENGLAND BBCWS 1855-1910 GM, Rpt from David Powers in Tokyo, ID, sked, nx. Fair (Dillon-GREECE 10/13)
- 3985 SWITZERLAND Swiss Radio Intl. 1910-1925 IT, Euro. svc. ID by YL, OM w/story abt Romansch lang. Fair (Dillon-GREECE 10/13)
- 3995 FED. REP. GERMANY Deutsche Welle 1925-1940 GM, DW IS @ 1930, interview w/YL & OM, ments of Vietnam. Fair (Dillon-GREECE 10/13)
- 4000.2 CELEBES (SULAWESI, INDONESIA) RRI Kendari 1536-1555* Basha Indo, light mx w/singer. ID @ 1550 w/cslng anmnts, Love Ambon, S/off (Schulze-FRG 10/12)
- 4002.7 SUMATARA (SUMATERA, INDONESIA) RRI Pandang 1528-1535 Basha Indo, ID, gong intervals, nx by OM. Good (Schulze-FRG 10/12)
- 4453.1 CLANDESTINE Vo National Salvation 1006-1025 Threshold at first, finally fading in w/ def. KK yak and then able to // w/3480 & 4119.6, all jammed. Seems this has drifted up from 4450a. (Allen-OK 10/31)
- 4606.5 PERU R. Ayaviri 2248-2325 SP, LAm mx, OM voice overs, YL w/ID @ 2300, excited crowd sounds. (Brown-PA 11/6)
- 4607.3 NETH. NEW GUINEA (IRIAN JAYA, INDONESIA) RRI Serui 1214 IN, Island mx. Weak but readable. SINPO 25343 (Courtney-KY 10/14)
- 4649 BOLIVIA R. Santa Ana 2235-2247 SP, OM anncr w/short samples of CP mx. ID. Good (Brown-PA 11/18)
- 4679v ECUADOR R. Nac. Espejo 0140-0330 SP, lively SP mx w/tlk by YL's, FC, IDs. Poor/VPoor (Jordan-PA 10/26)
- 4725n MYANMAR 1530-1543* This is former Burma, BBS Rangoon., Burmese, lcl mx, pophits, ID by YL @ 1540 followed by native mx w/stringed instr. (Schulze-FRG 10/13)
- 4740t USSR - ASHKHABAD R. Afghanistan 1745-1830 Pusto/Dari, OM tlk w/class mx in background, @ 1815 into folk mx, indian style mx, No ID. Good (Dillon-GREECE 10/6)
- 4753.5 CELEBES (SULAWESI, INDONESIA) RRI Ujung Padang 1203-1213 IN, Nx presumed in // to RRI Sorong 4874.5 SINPO 33343 (Courtney-KY 10/14) 1108-1116 (Streitmatter-IN 10/16)
- 4760 CHINA Yunnan PBS 1057-1132 CH, instr mx to 1059, ID by YL, 5 short plus 1 long time pip. Nx by OM/YL till 1114 then pgm of lcl vcls/mx. SIO 252 (D'Angelo-PA 10/17)
- 4760 LIBERIA ELWA 2115 EG, religious pgming w/ID on the 1/2 hour. Best yet this season. (Klinck 11/6)
- 4775 PERU R. Tarma 1010-1030 SP, Andean mx, tlk & ID. Poor (Bobb-MN 10/27)

- 4783 MALI RTV Malienne 2150 FR, lcl mx w/FR tlk. (Klinck 11/7)
- 4785 AZERBAIJAN R. Baku 1850-1905 Azerbaijani, Turkish style mx, anmt by YL, TPs into Russian w/ID, world nx. Good (Dillon-GREECE 10/6)
- 4789.6 NETH. NEW GUINEA (IRIAN JAYA, INDONESIA) RRI Fak Fak IN, // to Ujung Padang till abt. 1215 then into lcl pgm w. lots of mx. Clear ID @ 1230, 10 note IS hrd 4 times. (Laskowski-IN 10/13) (Paszkiwicz-WI 10/14)
- 4790 PERU R. Atlantida 0943-0953 SP tlk, mx w/flute & IDs. Poor (Bobb-MN 11/1)
- 4795 USSR R. for Peace & Progress 2220 EG, nx w/ID on 1/2 hour (Klinck 11/5)
- 4799.8 GUATEMALA R. Buenas Nuevas 0225-0231* SP, tlk, clsgn anmts w/IDs, stn addr. S/off w/lcl ranchera mx. Vy Cd. (Alexander-PA 10/21)
- 4810 PERU R. San Martin *0955-1010 SP, NA, s/on ID and anmts by OM, ads, OA vccls. SIO252 (D'Angelo-PA 10/3)
- 4815 BURKINA FASO Rdiff. TV Burkina 2220-2245 FR, great African mx, V Good (Tuchscherer-WI 10/14) (Klinck 11/1)
- 4815 PERU R. Amazonas/Samaren 0956-1022 SP, OA vccls, lots of TC's and partial IDs noted. SIO232 (D'Angelo-PA 10/4)
- 4819.7t ECUADOR R. Paz y Bien 0950-1030 SP tlk, instr mx, ment of Ambato. Fair/QRN (Bobb-MN 10/30)
- 4820t USSR Khanty-Mansiysk Radio 1955-2001* RS, YL anncr, class mx, s/off w/o any anmt @ 2001. Ute QRM (Dillon-GREECE 10/13)
- 4820.8 PERU R. Atahualpa 1038-1047 SP, lively LAm mx & ID. V Good (Tuchscherer-WI 10/22)
- 4824.6 PERU LV de la Selva 0957-1007 SP, ID, rooster crow, TC, tlk, mx. Noisy (Bobb-MN 10/17)
- 4830 VENEZUELA R. Tachira 0208 SP, LAm mx, ID. Good (Curtis-VT 11/7) 1005 (Frodge-MI 10/29)
- 4835 GUATEMALA R. Tezulutan 0028 SP, mx & tlk, ID on 1/2 hour. (Klinck 10/29)
- 4835 MALI RTV Malienne 2003-2030 FR, OM anncr, Afr mx, mstly drums. Afr. string mx, ments of Bamako. (Dillon-GREECE 10/13)
- 4844.3 GUATEMALA R. K'ekchi 0153-0210 Singing, accordion mx, sevr'l IDs @ 0158 by OM, intp ballads. Fair. (Kohlbrener-PA 10/17) 0220-0302* (Alexander-PA 10/14) (D'Angelo-PA 10/22)
- 4851.4 ECUADOR R. Luz y Vida 0810-0819* SP, tlk by OM/YL, ID, SP pops. NA @ 0817 & odd. Strange s/off time. (Alexander-PA 10/22)
- 4870 BENIN ORTB Cotonou 2236-2301* FR, drama & EZL mx, ID @ 2257 (Tuchscherer-WI 11/1) 2155 (Klinck 11/2)
- 4874.58p NETH. NEW GUINEA (IRIAN JAYA, INDONESIA) RRI Sorong 1150-1200 IN, Mx w/YL vccls. Tent ID @ 1200. Tlk //4753.5, poss. nx SINPO 43443. (Courtney-KY 10/14) 1201-1300 (Laskowski-IN 10/11) 1050-1125 (D'Angelo-PA 10/3)
- 4880 SOUTH AFRICA R. Five 0333 EG, temp. in Pretoria & ad for Chesterfields. Good (Curtis-VT 11/7) (Walley-CA 10/16) (Frodge-MI 10/18) 2315 (Klinck 11/4)
- 4881.7 PERU R. Nuevo Mundo 1012-1034 Mix of trop. & Andean mx, played "Happy Bday" followed by bday greetings to lcls, then other lcl anmts Poor (Moore-MI 10/12)
- 4885 BRAZIL R. Clube do Para 0808-0825 PT, beginning of Star Trek theme mx, long PT tlk by OM, mx, ID @ 0820. Fair (Kohlbrener-PA 10/21) (Bobb-MN 10/12) (Frodge-MI 10/28)
- 4895 COLOMBIA LV del Rio Arauca 1005-1010 SP, long sung anthem to OM ID @ 1008, anmts to 1010 then cumbias (Frodge-MI 10/15)

Thanks to everyone for their contributions. This is my last Log Report A column. Sheryl is going to be picking up all the Tropical Band loggings starting in January. We all appreciate the fine job Sheryl does and now she will have some fun reporting the goings on in the lower part of the spectrum. I'm not going too far, there are other plans for me in the coming months. I think you will be quite pleased to see the changes taking shape within the club and the journal. It's been fun editing Log Report A. I've learned quite a bit and I hope you have as well. All the best to you and your family for the Holiday Season. - 73 Bob KW3F



LOG REPORT

section B

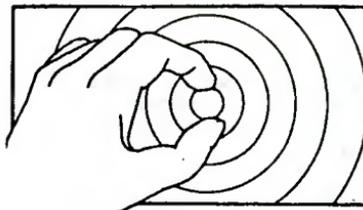
4900 to 6199 kHz

Editor: Sheryl Paszkiewicz, 1015 Green St., Manitowoc, WI 54220-6231

- 4904 CHAD, Rdf. Nat. Tchadienne, 10/14, 0428-0445, NA, sked, "Radio Tchad" ID, TC, hilife mx, good. (Dillon-GREECE) 10/15, 1755-1856 in vern/FR, ID, drums, did not s/off as ment on SWLD 10/14. (Schulze-FRG)
- 4905 BRAZIL, R. Relogio Federal, 10/11, 0040-0115 w/tlk by 2 M ID, 3 TP during annts, very poor. (Jordan-PA) 10/30, 2335-2352 w/tlk, TCs, ads. (Alexander-PA)
- 4915 COLOMBIA, Armonias del Caqueta, 10/25, 0950 w/ID, FC, power, NA (first time in awhile) (Miller-OH) 10/27, 1035-1104 w/"Amanacer" pgm, ID, TCs, history, told kids to get to school. China dominant by 1100 (Sheedy-CA)
- 4920 AUSTRALIA, VLM4 Brisbane, 10/18, 1928-1948 w/ID, oldies, "Good Morning from the ABC," whistles/yodels (Schulze-FRG)
- 4920 ECUADOR, R. Quito, 10/21, 0105-0150 w/sports, interviews w/athletes, brief mx. (Jordan-PA)
- *4930 HAITI, 4VEH, 1046-1100 w/tlk in FR, brief mx, chimes, ID. (BobB-MN) 10/17, 1059 w/NA, Amazing Grace IS, ID in FR, some tlk in Creole, F-G. (Allen-OK)
- 4930p TURKMEN SSR, Ashkhabad, 10/31, 0055-0103 in RS w/lite mx, Mayak IS 0059, nx 0100. (Alexander-PA)
- 4930 USSR, Mayak pgm, 10/21, 0150 in RS w/exc. mx, IS, ID 0200, nx, tlk by M. (Prath-FL) Good to hear from you, Ron--sp.
- 4934 KENYA, Vo Kenya, 11/3, 0233-0311 in EG w/"Smiling Faces," "World is a Ghetto," ID 0300, nx, poor. (Kohlbrenner-PA) 10/19, 0302-0324 w/nx, "This nx bx comes to you from the Voice of Kenya, Nairobi," tribal vcls, fade. (D'Angelo-PA)
- 4935 PERU, R. Tropical, 10/21, 0930 w/long Andean instls, ads after 1000 for Inca Kola, ID 1016. SIO=343. (Lackmann-VA) 10/21, 1020 w/Andean mx, anncr makes jokes & laughs, IDs, ads. (Miller-OH)
- 4940 CHINA, Qinghai PBS, 10/20, 1358-1417 w/instl theme, 5+1 TP, 2 IDs by W, poss. nx //6260, 3950. 4940 covered by Yakutsk. (Sheedy-CA)
- 4940 COTE D'IVOIRE, Abidjan, 10/17, *0555 w/IS, NA, "Ici Abidjan" poss. nx, vcls 0608, fair. (Kohlbrenner-PA) 10/23, 2154-2208 w/FR songs, 2200 nx. (Tuchscherer-WI) 10/25, 2337 w/tlk & lcl mx. (Klinck)
- 4940 UKRAINE, Kiev, 10/14, 0445-0500 in UK w/dom. see w/tlk abt Politburo & Sekretariat, clx mx. (Dillon-GREECE)
- 4940 USSR, R. Afghanistan relay, 10/26, 0148 in poss. Pashto, rel? tlk, Islamic mx. (Howell-CA)
- 4940 VENEZUELA, R. Continental, 10/21, 0040-0135 w/EZL mx, some pops, ID, anmnt every 15 min, full ID, ads 0058, 0129. Fair sig. (Jordan-PA) 10/14, 0130 w/upbeat mx, promos, sev. IDs. (Prath-FL)
- 4955 BRAZIL, R. Marajoara, 10/28, 0826 w/ment of Belem, CW QRM. SIO=232. (Frodge-MI)
- 4955nf GABON, RFI relay, 10/13, 2040-2055 w/ID, Afr. folk mx. Test pgm? //3965. (Schulze-FRG) Should site be presumed?-sp
- 4960p ECUADOR, R. Federacion, 11/2, *1057-1102 w/NA, Indian accapella singing, tlk. (Moore-MI)
- 4980 VENEZUELA, Ecos del Torbes, 10/15, 1012, variety of mx, greetings in PT, pgm in SP & PT. (Frodge-MI)
- 5000 VENEZUELA, YVTO, 10/22, 0034 poor mixing w/WVV. TP each second & ID each minute. Not on 6100. (Rigas-IL)
- 5011y ECUADOR, Escuelas Radiofonicas Pop, 10/7, 0908-1010 w/tlk in Quechua/SP, HC mx, folk mx, no ID so tent. Also hrd 0140. Varies + 100 Hz. (Alexander-PA) 10/6, 0950 w/kids singing, tlk in pres. Quechua, Andean mx, ID. (Miller-CH)

- 5011y ECUADOR, Escuelas Radiofonicas Pop, 10/14, 1056 in SP w/lcl mx, ment. Riobamba, ID 1100, fair. (Rigas-IL)
- 5012.2 PERU, R. Eco, 10/30, 0307-0337 w/futbol, mx bits, sev. clear IDs. (Tuchscherer-WI)
- 5014.5t PERU, Estacion Tarapoto, 10/31, 1033-1056 w/ad w/clear ment Tarapoto but no further copy! EZL mx, best so far but still no ID, real "tuffie" here. (Allen-OK)
- 5014.8 BRAZIL, R. Pioneira, 10/31, 0730-0800 w/ballads, anmts, comedy skits, IDs. (Alexander-PA)
- 5015 USSR, Ashkhabad presumed, 10/22, 0057-0110 in RS w/tlk, RM IS 0059, chimes, anthem, tlk 0104. (Alexander-PA)
- Arkhangelsk presumed, 10/26, *0200 in RS w/IS, Moscow 1st Pgm, tlk & mx, good carrier, low mod. (Howell-CA)
- 5020 NIGER, La Voix du Sahel, 10/27, 2145 w/FR tlk & lcl mx, 2145 ID. (Klinck)
- 5030 COSTA RICA, R. Impacto, 10/31, 0500 w/ID, interview, nx cmtry, 0530 ID. SIO=433. (Carson-OK) 10/28, 0934 w/ID, anthem, "Buenos Dias Costa Rica, buenos dias Centroamerica" SIO=3-43+ (Frodge-MI) 11/3, 2323 w/lots of mx & IDs, good sig. (Price-VA)
- *5030t SARAWAK, RTM Kuching, 10/12, 1325 in definite Malay type lang, poss. ID 1327, MOR mx, poss //7130 blocked by CH station. Other Malaysians hrd 5005, 4895, 4970. (Allen-OK) I'd sure like to hear 4970--sp.
- 5034 CENTRAL AFRICAN REPUBLIC, RTV Centafricaine, 11/6, 2155 w/lcl mx, FR anmts. (Klinck)
- 5040 ECUADOR, LV del Upano, 10/21, 1114 w/rosary, ID at end. (Miller-OH)
- 5040t GEORGIAN SSR, Tbilisi, 10/7, 0305-0340 in RS w/nx, piano exercise pgm, instls, fade 0340. (Alexander-PA)
- 5040nf GUATEMALA, LV de Nahuala, 11/2, 1140 w/marimbas, prob. Quechua, ID, //better 3360. (Moore-MI)
- 5045 BRAZIL, R. Cult do Para, 10/28, 0820 w/tlk, PT rap song. SIO=243. (Frodge-MI)
- 5047 TOGO, RTV Togolaise, 10/25, 2145 in FR w/tlk, mx. (Klinck)
- 5049.8 ECUADOR, R. Jesus del Gran Poder, 10/19, 1014 w/rel mx, sung "Alleluias" tlk by M. (Kohlbrener-PA)
- 5057 ALBANIA, Gjirokaster, 10/14, 0501-0516 in Albanian, dom. sec. w/world nx, Albanian mx. (Dillon-GREECE)
- 5058.8 ECUADOR, R. Progreso, 10/31, 1025-1040, Andean mx, anmts, ads, ID 1030, tlk by M&W. (Alexander-PA) 10/25, 1030-1046 w/long ad string, Andean mx. Ads for Banco Nac. de Fomento, Calzado Ruiz shoestore. (Moore-MI)
- 5060p CHINA, Xinjiang PBS, 11/3, 1203-1207, CH instls, poor. (Moore-MI)
- 5075 CHINA, CPBS-2, 11/2, 2214 in CH w/tlk but not nx. (Klinck)
- 5075 COLOMBIA, Caracol Bogota, 10/8, 0240 w/Caracol ID, nx 0300, tropical mx after nx. (Frodge-MI) 10/31, 0534 w/Colombia Fiesta, IDs, mx of Pedro Vargas. (Carson-OK)
- 5097.2 PERU, R. Eco, 10/20, 1010-1050 w/alt freq from 5012, ads, Non-Andes mx like Don't Worry Be Happy, ID 1021, sev. TCs, W anncd time during songs. (Allen-OK)
- *5508 CHINA, Haixia 1, 10/20 & 11/4, 1356-1403, 4x1377 harmonic 774840, tlk, 5+1 TP, ID 1400, poss sked info, Tnx Mitch Sams tip. (Sheedy-CA) Wow!--sp.
- 5661p PERU, LV de Cutervo, 10/3, 0210 w/odd flute mx, Indian chanting, wailing, OM anncr, sudden fade 0230. (Howell-CA)
- 5905 USSR, R. St. Peace & Prog, 10/14, 2235 in EG w/tlk abt how cultural exchanges strengthen peace. (Prath-FL)
- 5929.2 CLANDESTINE, R. 15 de Septiembre, 10/31, 1140-1148 w/tlk abt Nic, ID 1145 //6214.4. Maybe Sheryl's unid. (Allen-OK)
- 5950 USA, VOFC via WYFR, 10/8, 0307 w/mkt nx, Dalai Lama's comment. SIO=444. (Levison-PA)
- 5980 BRAZIL, R. Guarujá, 10/21, 0803-0838 w/Bras mx, reggae song, ID 0809, Supermercado ad, "Super-Ropa" ad. Tnx Sheryl (Allen) 10/22, 2309-2313 w/ballad, ID, very poor. (Moore-MI)
- 5995 AUSTRALIA, R. Australia, 10/15, 0927 w/pop mx, sked, Feature on PNG //9580. (Frodge-MI)

- 5999nf NICARAGUA, LV de Nic, 11/4, 0350-0415 loud w/T40 tunes, gas prices, bus ticket costs, "La Voz" IDs, slogans, "La Radio de las Estrellas." (Sheedy-CA) Also try around 2330 before Moscow s/on at 0000--sp.
- 6000t CHINA, Haixia 2, Fujian, 10/18, 1552-1600 w/CH mx, tlk by Win CH, 5+1 TP, splatter QRM. Listed in WRTH. Please help. (Schulze-FRG) Dan, have you hrd this?--sp.
- 6020 AUSTRALIA, R. Australia, 10/28, 1128 w/EZL & rock mx, 779580. (Frodge-MI)
- 6020 MEXICO, La U de Veracruz, 11/5, 1150-1155 w/ranchera mx, fair sig. (Moore-MI)
- 6020 USSR, RMWS via Khabarovsk pres, 10/31, 1630 in EG in USB w/nxbrief, Newmkt pgm, //7265, 7370. (Park-HI)
- 6025 DOMINICAN REPUBLIC, R. Amanacer, 10/6, 2250-2310 in SP w/rel mx, tlk, ID 2256. (Alexander-PA)
- 6035.2 COLOMBIA, LV de Guaviare, 10/27, 1012-1056 w/llanera mx, pharmacy ads, full ID 1056. QRM VOA 6040. (Sheedy-CA)
- 6040p BRAZIL, R. Clube Paranaense, 10/26, 0045 w/tlk, poss. fute-bol game, ads, covered by DW 0100. (Howell-CA)
- 6045 INDIA, AIR Delhi, 10/18, 1540-1545 in EG w/nx, cmtry, ID. (Schulze-FRG)
- 6050 ECUADOR, HCJB, 10/28, 0903 in SP w/Andean vcls, instls, SIO=243. (Frodge-MI)
- 6050 NIGERIA, R. Nigeria Ibadan, 10/21, 0555 in EG w/tlk, 5+1 TP, ID 0600, nx, weak. (Alexander-PA)
- 6055 CZECHOSLOVAKIA, R. Prague, 10/21, 2226 in EG w/pop mx, ID, CZ pgm 2230. (Prath-FL)
- 6055.3t PERU, R. Continental, 10/21, 0842 w/Andean vcls, wiped out when 6055 plays mx. Carrier hrd often but not audio every day. (Allen-OK)
- 6060 ARGENTINA, RN, 11/1, 0016 w/jazz, anmts, ID (Jordan-PA)
- 6070 CANADA, CFRX, 10/11, 0603 w/nx, wx, ads. (Carson-OK)
- 6085 WEST GERMANY, DW, 10/11, 0313 in EG w/cmt on East Germany, editorial, SIO=444. (Carson-OK)
- 6100 USA, WHRI, 10/18, 0620 in EG w/Word for Today pgm, ID 0630, exc. sig. (Price-VA)
- 6110 MALTA, R. Mediterranean, 10/25, 2256 in EG w/nx, sports, IDs. (Klinck) 10/24, 2327-2330* EG w/s/off, sked, ID, addr, brief instl. (Jordan-PA)
- 6115 MEXICO, R. Univ. de Sonora, 10/3, 0312 w/"Musica Nueva Era" Paul Simon mx, ID, exc. (Rydzewski-CA)
- 6116 COLOMBIA, LV del llano, 10/14, 0253 w/festive LA mx, ID, fair. (Rydzewski-CA) 10/28, 0942 w/SP rap song, OM w/lcl calendar. (Frodge-MI)
- 6135 TAHITI, RFO Papeete, 11/2, 1132-1139 w/ballads, ment. Papeete, poor. (Moore-MI)
- 6135 USA, KUSW, 10/8, 0736 w/Joe Turner & Globe Oldies, SIO=443 (Lemke)
- 6140.7p BOLIVIA, R. Luis de Fuentes, 10/24, 1015 at threshold lvl w/Andean mx, tlk by M. (Moore-MI)
- 6150 CANADA, RCI, 10/11, 0623 w/sports, wx, into FR 0630. SIO=444. (Carson-OK) New freq?--sp.
- 6150 CHINA, RCI via R. Beijing, Xian, 10/27, 1342 in JP w/ID, FC, tlk abt Japanese in Canada. (Park-HI)
- 6160 NEWFOUNDLAND, CKZN, 10/23, 0230 w/relay of a play, F-G. 1st time hrd! (Davisson-OH) Tnx, Tim. I listed this as Newfoundland because it counts as a separate country from Canada per NASWA rules--sp.
- 6160 CANADA, CKZU, 10/16, 0000 w/EG nx, wx, mx. (Carter)
- 6160 COLOMBIA, RCN Bogota, 10/24, 2335 w/tlk abt Bush (Prath-FL)
- 6165 SWITZERLAND, SRI, 11/2, 0556 w/IS, nx. (Carson-OK)
- 6170 BRAZIL, R. Cult Sao Paulo, 10/22, 2304 w/tlk, poor u/BBC (Moore-MI)
- 6173.8 PERU, R. Tawantinsuyo, 10/18, 0933 w/anmts, ID, TC (Sheedy)
- 6185 MEXICO, R. Educacion, 10/18, 1109 w/rancheras, ID, TC, long tlk by YL. (D'Angelo-PA)
- 6200.6 PERU, LV de Huamanga, 10/26-27, 1030-1105 w/rustic Quechua like vcls, tlk abt Ayacucho, ID 1050, ads. (Sheedy-CA)



LOG REPORT

section D

11700 and above

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

- 11705 SWEDEN RS in EG 0234, weekday pgm, nx, sports rpt, exc (Carson OK 10/26)
- 11730nfb SEYCHELLES BBC relay in SH 0309, "English by Radio", //11740, f (Park HI 10/30)
- 11745 SOUTH AFRICA RSA in SP 0040, tlks, addr, ID, financial nx, //9580 (Park 10/24)
in FR 0429, ID in EG, French service of Radio RSA, f (Carson OK 11/5)
- 11745 BRAZIL R. Bras in EG 0231, tourism (Lenke) BR mx, tourism 0217 (Carson 10/25)
- 11750 NORWAY RNI in NO 1633, "Buskerud", current hits on NO chart, EG ID (Park 10/28)
- 11765 BULGARIA R. Sofia in EG 0751, pgm re SW eqmnt, lite mx, ID, f (Jordan PA 10/14)
- 11785 USSR R. Tashkent in EG 1200, nx, several ID's (Kohlbrener PA, Prath FL 10/21)
- 11790v INDONESIA VOI in IN 1208, mx, tlk, ID in EG (Carter 10/1)
- 11800 AUSTRALIA RA in EG 1224, propagation rpt, "Int'l Report", f (Frodge MI 10/29)
- 11810 SEYCHELLES FEBBA in EG 1729, IS, ID's, short story (Paszkiewicz WI 10/1)
- 11825v SOCIETY IS. RFO Tahiti in TT/FR 0452, island mx, local nx, f (Rydzewski CA 11/3)
- 11835 ALBANIA R. Tirana in EG 2350, pgm on privatization, mx, f-g (Reeves OR 10/26)
- 11840 PORTUGAL RPI in EG 0250, "Music Time" w/regional songs (Tuchscherer WI 10/25)
- 11850 FINLAND RF in EG 1503, IS, 5 lang ID's, "Business Monday", p (Park HI 10/16)
- 11865 SEYCHELLES FEBBA in EG 1538, Far East nx, relig pgm, ID, mail addr (Klinck 10/17)
- 11870 COSTA RICA Adventist World R. in SP 0336, relig pgm, ID, f (Rydzewski CA 9/1)
- 11890nfb NETHERLANDS ANTILLES RNW relay in EG 1030, "Happy Station" pgm (Park HI 10/22)
- 11905 THAILAND RT in EG 2335, relig cmntry & mx, nx, f (Streitmatter IN 10/27)
- 11910 GUAM KTWB in EG 1612, TWR-Nairobi addr, soul mx, tlks, p (Park HI 10/12)
- 11940 LESOTHO BBC relay in EG 0529, ID, "Waveguide", "Words of Faith", p (Park 10/30)
- 11965 PHILIPPINE IS. VOA relay in RS 1015, jazz mx, jammed at 1100 into CH (Park 11/5)
- 11980 GUAM KSDA in CH *0857, s/on in EG, ID, IS, addr, f (Alexander PA 10/31)
- 11985 UNITED ARAB EMIRATES Abu Dhabi in EG 2235, phone-in quiz show, nx on hour, g (Rydzewski CA 10/9) in EG 2245, AR mx w/song intros, tlks, ID (Prath FL 10/20)
- 11990 CZECHOSLOVAKIA R. Prague in EG 0150, CZ mx, pgm on folk mx, p (Reeves OR 10/27)
in EG 1531 w/ID, freq list, IS tune, nx, //11685, 13715 (Park HI 10/27)
- 12015 CHINA R. Beijing in lang 1145, tlks, male chorus, IS, nx (Jordan PA 10/11)
- 120187 VIETNAM VOV in EG 1615, nx w/ID at 1621, listed 12020 (Tuchscherer WI 10/31)
- 12025nfb AFGHANISTAN via USSR xmtr in Urdu 1230, IS, ID, freqs, nx, mx (Jordan PA 10/17)
- 13610nfb KUWAIT R. Kuwait in EG 2045, British rock hits, into AR 2100 (Lackmann VA 10/29)
- 13655 JORDAN R. Jordan in EG 1358, class mx, pips, ID, nx, TC, f-p (Lackmann VA 10/12)
- 13700 NETHERLANDS RN Flevo in EG 0430, nx re East Germany & Sahara, p (Reeves OR 11/9)
- 13745nfb BELGIUM RTBF in FR 0426, drum IS, ID, skeds, 6 pips, fanfare, nx (Park HI 10/31)
ED: Must be late add-on. Latest Belg sked does not list any xmsns in 13 mhz band
- 13790nfb ICELAND ISBS in IC *1408-1434*, ezl mx, ID, nx, //13855, 15767 (Alexander PA)
- 13830nfb ICELAND ISBS in IC 1856, tlk, nx, ID, //13855, 15767, 15780 (Alexander PA 10/28)
- 15037v PIRATE USA V. of the Purple Pumpkin 1913-2201* in EG, Halloween pgm, Beatles mx, ID, addr S.Lanesville, WV (Paszkiewicz WI, Kohlbrener PA, Frodge MI, Allen OK, Rigas IL) ED: Station celebrated 20th anniv on air? Hrd only on 10/28-29.
- 15105 WEST GERMANY DW in EG 1628, "Newline Cologne", "Asia-Pacific Report" (Park HI)
- 15110 MALI R. Beijing relay in EG 2028, rpt on PRC-Japan relations (Frodge MI 10/27)
- 15115 NO. MARIANAS KHBI in EG *0958, IS, ID, nx, ex-KYOI, f (Park HI 11/6)
- 151546 INDONESIA RRI Jakarta in IN 2336, jazz & pop mx, ID, NA, nx, g (Rydzewski CA)
- 15165 NORWAY RNI in EG 0808, news & views last week (Lenke 10/8)
- 15185 NORWAY RNI in NO 0320, daily "Aktuelt" nx pgm, ID in EG, pop mx (Park HI 11/1)
- 15200nfb PAKISTAN RP in EG 1721, nx, local mx, ID, //11570 (Tuchscherer WI 11/2)
- 15220 NORWAY RNI in EG 1900, "Norway Today" incl natl nx, p (Park HI 11/5)
- 15230 JAPAN RJ in EG 1125, cmntry, mx, f-p (Rhyme NC 10/26)
- 15235 LIBYA R. Jamahiriya in AR 2100, nx, class mx & martial mx (Jordan PA 10/7)
- 15250nfb SEYCHELLES FEBBA in Anharic *0330, IS, sermon w/weird mx (Howell CA 10/2)
- 15345 KUWAIT RK in EG 0509, "Seeds of Islam", ID, pop mx, f (Kohlbrener PA 11/2)
- 15350 LUXEMBOURG RL in FR 2207, variety of modern mx (Tuchscherer WI 11/1)
- 15385 BULGARIA R. Sofia in AR 1733, ID, cultural pgm, Scott Joplin mx (Dillon GREECE)
- 15400nfb UNITED ARAB EMIRATES R. Dubai in AR/EG 0300, AR vocals, recitations, tlks, nx, martial mx, annmts, 4+1 time pips, ID & nx in EG 0330, f-p (Jordan PA 10/18)
- 15400 FINLAND RF in EG/FN 1259, IS, ID, annmts, Nordic nx, wx, press review, vg (Streitmatter IN) in EG 1324*, "Sports Fair", "Faith in Finland", f-g (Jordan PA)
- 15400 ASCENSION IS. BBC relay in EG 0633, "Network Africa", nx, g (Price VA 10/18)
- 15425 SRI LANKA SLBC in EG 0126, ID, mx, several pips, relig pgm (Schulze FRG 10/8)

- 15445nf? PHILIPPINE IS. R. Veritas in EG 1507, nx re Pope's Indonesia tour (Humenyk ONT)
- 15445 NETHERLANDS ANTILLES TWR in diff langs 2155, IS, ID, relig pgm (Schulze FRG)
- 15470 PORTUGAL D. Welle relay in RM 1759, IS, site ID in PT, freqs, nx (Park HI 10/31)
- 15615 ISRAEL Kol Israel in EG 0001, nx re S. Africa military deals (Reeves OR 10/27)
- 15640 ISRAEL Kol Israel in EG 2230, nx, pgm features, C&W mx, f-g (Jordan PA 10/18)
- 15780 ICELAND ISBS in IC *2258, tlk, nx, chimes, //13855, 15767 (Alexander PA 10/27)
- 17555nf NO. MARIANAS KHBI in EG 0421, freqs, test xmsn, into TT 0430 (Park HI 11/2)
- 175644nf PAKISTAN RP in EG 1605-1615, nx, YL w/nx, no //s hrd (Tuscherer WI 10/28)
- 17580nf BELGIUM BRT in EG 1552, cooking show (Lenke) in EG 1625, IS, ID in DT, theme mx, ID in EG, nx, "Brussels Calling" incl press review, //21810, f (Park HI 10/1)
- 17605 NETHERLANDS RNW in EG 1448, "Asia Scan" w/quiz, feature on Asian muslims in the UK, Indian-style two-tone mx, //13770, 15150, p (Park HI 10/27)
- 17650nf? FRANCE RFI in EG 1235, "Focus on France" (Frodge MI 10/3)
- 17665 USSR R. Minsk in Bylorussian *2330 following R. Vilnius EG svc, IS, nx bloc, RS folk mx, chorus, ID, sked (Jordan PA 10/25 - g, Park HI 11/4 - p)
- 17665 USSR R. Vilnius in EG 2300, IS, ID, nx, features, promo, p (Park HI 11/4)
- 17705 UNITED KINGDOM BBC London in EG 1705, world & UK nx, p (Park HI 10/11)
- 17715 SPAIN REE in SP 2215, end of nx, ID, SP pop mx, beam to L Am (Prath FL 10/21)
- 17715 MALI R. Beijing relay in CH 0230, CH mx, cmntry (Frodge MI 10/15)
- 17725 INDIA AIR Delhi in EG 0000, Indian mx, ID, nx, weak sig (Laskowski IN 10/16)
- 17735 OMAN R. Oman in AR 1829, AR mx, g (Humenyk ONT 10/15, Klinck 10/27)
- 17765nf SOUTH AFRICA RSA in EG 1905, nx, usual RSA white-bread mx, f (Howell CA 10/16)
- 17850 ROMANIA R. Bucharest in EG 1330, tlk re President Ceausescu, g (Rigas IL 11/5)
- 178645nf COLOMBIA RD Nacional in SP 0346, classical mx, ID, NA, g (Rydzewski CA 10/3)
- 17880 SWEDEN RSI in EG 1554, "Newsdesk", wx, philatelic pgm (Lenke, Reeves OR 11/5)
- 17880 ASCENSION IS. BBC relay in EG 1731, feature on African mx (Frodge MI 10/28)
- 17885 SEYCHELLES IS. BBC relay in EG 0520, commodity prices, f (Carson OK 10/11)
- 214745 PAKISTAN RP in Burmese? 0712, IS, S Asian mx, ID?, Qu'ran, p (Park HI 10/27)
- 21475 AUSTRIA RAI in FR 1230-1255*, nx, cmntry, mx, to 21490 at 1258 (Zilmer NM 10/16)
- 21490nf PAKISTAN RP in EG 0230, nx at slow speed (Zilmer NM 11/1)
- 21525 QATAR QBCS in AR 1220, sonorous Mideast vocals w/drums, ID(t), tlks, mx, p (Jordan PA 10/26) NOTE: This freq is used by Qatar as alternate to 21460.
- 21550 FINLAND RF in EG 1300-1458, wx rpt, editorials, FN lesson, nx, mx festival, Interview, "Compass North" (Carson OK, Zilmer NM, Pirnat 10/15)
- 21570 SWEDEN RSI in EG 1230, "Weekday", nx, //15190, 17740, to Asia (Zilmer NM 10/16)
- 21610 JAPAN RJ in EG 0300, nx, f (Walley CA 10/24) in EG 2300, cmntry (Zilmer 10/26)
- 21630 SWITZERLAND SRI in IT/EG 1511, IS, ID in EG, into IT 1515, relig svc (Carson OK) In EG 1545, "Swiss Shortwave Merry-go-Round" (Pirnat 10/14)
- 21650 VATICAN STATE VR in EG 1545, relig nx, Papal nx, mx, exc (Zilmer NM 10/23)
- 21665 ROMANIA R. Bucharest in EG 1300-1356*, nx, econ cmntry, //17850 (Zilmer 10/16)
- 21670 ISRAEL IBA in HB 1330, Reshet Bet pgm, Hebrew HS, //17545, 17590 (Zilmer 10/15)
- 21680 PORTUGAL Deut. Welle relay in GM 1240, pgm re W. Ger. soccer (Prath FL 10/14)
- 21700 GABON R. Japan relay in EG 1500-1545, nx, "Let's Learn Japanese", cmntry about advertising in Japan, //11815, 11865 (Zilmer NM 10/26, Park HI 10/30)
- 21710 NORWAY RNI in EG 1400, "Norway Today", beam to S Asia & Australia (Zilmer 11/5)
- 21740nf PAKISTAN RP in EG *1556, IS to 1600, ID in EG, nx at slow speed (Zilmer 10/12)
- 21810 BELGIUM BRT in EG 1330, nx, press review, current events (Zilmer 10/17) in EG 1630-1700, travel pgm, mx, into DT 1700 (Klinck 10/31, Eaton NC, Dillon GREECE)
- 21815 BELGIUM BRT in EG 1330, nx, wx rpt, "Belgium Today", //21810 (Zilmer 10/25)
- 25645 BELGIUM RTBF in FR 1500, jazz mx, ID, f (Rigas IL 11/5)
- 25730 NORWAY RNI in NO 0835, lite pop mx, tlks, p, //15165 (Park HI) in NO 1628, ID in EG, NO songs, s/off 1645, exc (Dillon GREECE 10/14)
- 25740 NORWAY RNI in NO 1400, tlks, mx, //25730 (Zilmer NM 11/5)
- 25750 UNITED KINGDOM BBC London in EG 1300, world nx, "24 Hours", g (Price VA 10/24)
- 25780 USSR R. Moscow in EG 1225, "News and Views", "Music at Your Request" (Prath FL)
- 25850 DENMARK RD in DN 1157-1252*, IS, freqs, sked info, nx, tlks, mx, ID's in DN and EG, f-g (Jordan PA 10/25)
- 26050 BELGIUM BRT in DT 1203-1225*, nx wrap-up, pop mx, ID, IS (Jordan PA 10/31)

 I do not have the time to clip individual loggings from a single sheet of paper. In the future, I will not publish anymore loggings submitted in this form. Thanks to all those who sent in contributions this month and a special thanks to those who took the trouble to arrange them in frequency order and band them together. As in the past, loggings which appeared in last month's FRENDEX were not repeated this month. 73's

Thomas R. Sundstrom	Telex: 6502446376MCI UW
PO Box 2275	MCI Mail: 244-6376
Vincentown	Prodigy: DRVB19A
NJ 08088-2275	CompuServe: (send via MCI Mail)
Voice: 609-859-2447	Packet Radio: W2XQ @ WB2MNF
Fax: 609-859-3226	Pinelands RBBS: 609-859-1910

It never fails. Mail from Dale Park (Honolulu) and John Carson (Norman, OK) was picked up from the post office on the trip over to the publisher with last month's column. Dale, thanks for the data and good to hear from a mid-Pacific listening post. You indicated that R Nederland was using 21680 at 1830 but that must have been temporary. In comparison to what you hear from AIR, I find 11620 to be best here for the several hours up to 2230 UT sign-off. Using your info on R New Zealand, I found the additional info to determine the target area and the transmission times. And John and Kris Field seem to drop an envelope in the mailbox every week or so for longer than I can remember. Thanks!

Lots of changes not known about prior to November 5, plus a correction of my mistake on Deutsche Welle at 03 UT (can't read my own writing). Also thanks to Joe Hanlon of Philadelphia and Vincentown who keeps me abreast of changes.

While Bob Brown compiles the statistical data from the surveys, I note some comments on the inclusion -- pro and con -- of target areas other than NA. I realize that not every person can hear every release, but with the full data there is a selection to pick from. Here's why I include the data. When I started this project a few years ago, I found I usually listened to services not necessarily intended for the Americas. Either the broadcast times were more convenient or stations I wanted to listen to did not have transmissions directed to NA. Many of the smaller broadcasters direct broadcasts only to Europe. Actually transmissions for Europe in the mid- and late afternoon hours here often provide better reception than the later Americas-target service that gets buried in co- and adjacent channel interference. And last, but not least, NASWA has members all over the world. In fact, after the first column appeared the very first letter I received was from an Australian member asking me to include more Pacific-targeted listings. Whether someone is on the west coast, Hawaii, Japan, Australia or Europe, I cannot judge what frequencies are best for these locations.

If you haven't ordered your copy of the 1990 World Radio TV Handbook yet, do so now. It is scheduled to be printed in December and shipments from the printer to your favorite vendor will begin at the end of the month.

PC Software for PC/XT/AT/PS2 and compatibles: English Language SWBC Schedules, with a new feature of loading frequencies into the memories of the JRC NRD-525 and the Kenwood R-5000 from the computer. ASCII text file subscriptions for those without a PC compatible. Receiver computer control programs for the NRD-525 and R-5000. Utility Logbook for logging utility stations. For more information send a business-sized SASE to TRS Consultants (address above) or download information from the Pinelands RBBS.

Bandscanning R Moscow frequencies after November 5. I found a number of changes to those listed in the October column. The best outlets noted here are incorporated into the database and listings. The 9600 Cuba outlet was not heard and the Cuban 11840 doesn't start up until 1330 UT. Joe Hanlon tells me that 6000 v Cuba is used 10-13 UT.

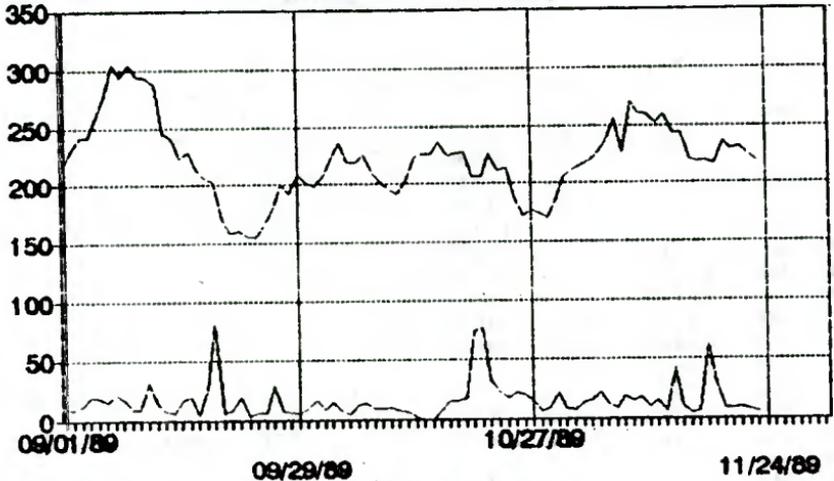
1100:	WS:	21800	17890	17840	17810	17700	17645	17590	17570
		17565	15560	15490	15475	15435	15320	15260	15150
1200:	WS:	21800	21725	17840	17820	17810	17700	17765	17645
		17570	17565	15560	15500	15490	15475	15320	15260
		15150	9875	9780	9765	9705			
1300:	WS:	21725	17890	17840	17810	17700	17645	17570	15560
		15475	15320	11840	9875	9705			
1400:	WS:	21725	17840	17810	17700	17570	15560	15475	11840
1500:	WS:	21725	17810	17665	15560	15475	11840		
1600:	WS:	17810	15475	11840					
1700:	WS:	15475	11840						
1800:	WS:	11840	9860	9685					
1900:	WS:	15450	11840	9860	9685				
2000:	WS:	11840	9860						
	UK:	9685	9470	7380	9370	7250	(UK: announced)		
2100:	WS:	11840	9860	9685	7170	6165			
2200:	WS:	9860	9820	9685	7170	7150	6165	6055	
announced:									
2300:	ENA:	17720	17700	17605	15425	12050	9870	9720	9685
		7150	7115	6045					
0000:	ENA:	drop 9870, add 6000.							
0100:	ENA:	add 21470.							
0200:	ENA:	drop 17605, add 9700.							
0300:	ENA:	drop 17720, 9720; add 11710..... Service closes 04.							
0400:	WNA:	15180 12050 12010 11710 9890							
0430:	WNA:	add 11790, 9500, 7230, 7210.							
0530:	WNA:	add 7340, 7180, 7170, 5900.							
0630:	WNA:	add 7260..... Service closes 08.							

Clarification of KUSW's schedule: Although the frequencies suggest a 24-hour operation, Hal Collipriest (VP of Sales) told me KUSW is actually on the air from 10 a.m. to 10 p.m. M-F and 10 a.m. Saturday through Sunday 6 p.m. Mountain Standard Time, staying on the air all Saturday night. This translates to M-F 17-05, Sa 17-Mo 01 UT. Adjust for daylight time as appropriate. He also told me the station may sign on earlier or stay on later if there is paid religious programming to be aired.

AIR on 11620 and 7412 to Eu 2045-2230 and on 15110 to As at 00 UT are good here. The V of Vietnam is announcing 19, 25 and 31 m frequencies, but I only hear two: nominal 12020 (12018.6 measured) and 9840. 15010 has been quiet. English is still announced for 10, 11, 1330, 16, 18, 18, 19, 2030, and 2230 UT. With 19m off, the best reception on the East coast (for me) are one of the first three. The African service of R Nederland at 1830 are 40db/9 on all three outlets. At 1830 the new 22m outlet of BRT Brussels is easy to hear. HCJB revamped its schedule for DX Party Line, putting the Eu and S Pac editions back to Saturday. The NA release stays on Monday evening (Tu UTC). The needed transmitter tube was installed mid-month and the full complement of frequencies returned. Dave Alpert of NYC tells me that the BBC has dropped relay site data from its "London Calling"; I have made assumptions and hope that most of it is correct. And if you missed the announcement, it looks like RCI will provide the long-sought-after Western hemisphere relay for R Korea, probably by March 1990. SEASONS GREETINGS TO ALL!

Solar Flux & A-Index: 9/89-11/89

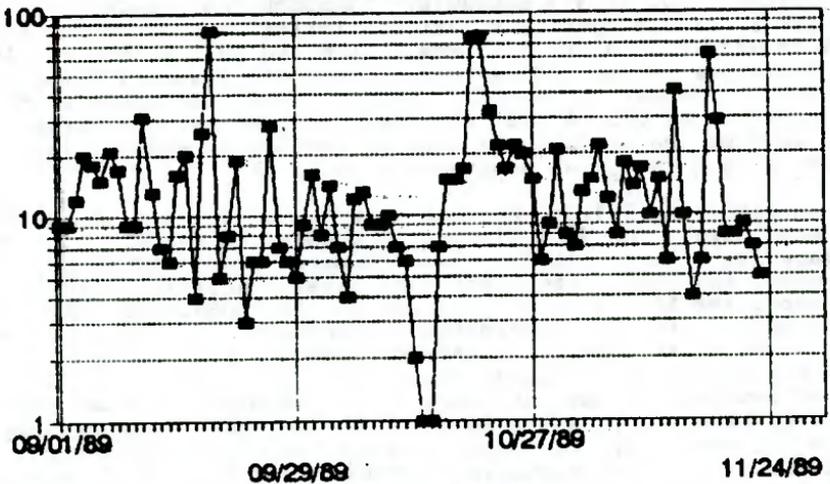
Recorded from WWV



by Sundstrom

Logarithmic A-Index: 9/89-11/89

Recorded from WWV



by Sundstrom

Changes entered between 10/28/89 and 11/24/89.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time
Compiled by Thomas R. Sundstrom, W2IX

Start Time (UTC)	End Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000	0100	Bulgaria	R Sofia	11680	9700							NA		11/10/89
0000	0030	Israel	Kol Israel	11605	9930	9435						NA		10/30/89
0000	0100	Spain	Spanish Nat'l R	11880	9630							NA		11/05/89
0000	0100	USSR	R Moscow	17605	12050	9720	9685	7150	7115	6045	6000	ENA	and 3 other freq's	11/06/89
0030	0230	England	BBC	9915	9590	7325	6175	5975				WS: NA/CA/Carib	#2 Bethany	11/18/89
0045	0130	German Dem Rep	R Berlin Int'l	13690	11890	6080						ENA		11/10/89
0045	0230	New Zealand	R New Zealand Int'l	17705	15485							Pac/Aus/Melanesia	Sat & Su only	10/28/89
0100	0130	Israel	Kol Israel	11605	9930	9435						NA		10/30/89
0100	0200	Spain	Spanish Nat'l R	11880	9630							NA		11/05/89
0100	0300	USA	KUSW	11695								Canada	70 deg:ext Mo	11/06/89
0100	0200	USA	KVDH	13695								CA/Carib	100 deg	11/08/89
0100	0200	USSR	R Moscow	21470	17840	12050	9720	9685	7150	7115	6045	ENA	and 3 other freq's	11/06/89
0130	0138	Greece	V of Greece	9420	9395	7430						NA/Sweden	News/Eng ex Su	11/13/89
0130	0200	Philippines	R Veritas Asia	17800	15360							As		11/23/89
0200	0250	Fed Rep Germany	R Deutsche Welle	11945	11835	9690	9615	7285	6035			As		10/30/89
0200	0245	German Dem Rep	R Berlin Int'l	13690	11890	6080						ENA		11/10/89
0200	0230	Israel	Kol Israel	11605	9930	9435						NA		10/30/89
0200	0255	Romania	R Bucharest	11940	11830	9570	9510	6155	5990			NA		11/04/89
0200	0300	USSR	R Moscow	21470	12050	9720	9700	9685	7150	7115	6045	ENA	and 3 other freq's	11/06/89
0230	0330	England	BBC	9915	7325	6175	5975					WS: NA/CA/Carib	#2 Bethany	11/18/89
0230	0430	Iraq	R Baghdad	9730	9515							Ind/Pakis/NA/SA		11/17/89
0230	0630	New Zealand	R New Zealand Int'l	17705	15485							Pac/Aus/Melanesia		10/28/89
0300	0400	China	R Beijing	17855	11715	9770	9690					MNA	#4 Spain!#2&3 Mali	11/06/89
0300	0350	Fed Rep Germany	R Deutsche Welle	11810	9605	9545	6130	6085				NA		10/28/89
0300	0500	USA	KUSW	9815								Canada	70 deg:ext Mo	11/06/89

0730	0800	Bulgaria	R Sofia	17825	15160	11720				W Eu		11/10/89	
0800	0930	Guan	KTWR	15210						Far East		11/07/89	
0800	1105	New Zealand	R New Zealand Int'l	11780	9850					Aus/Melanesia		10/28/89	
0845	0930	German Dem Rep	R Berlin Int'l	21465	21540	15240	9730	7185	6115	6040	Far E/ENA/Eu	#1,4,5,7 Sa-Su only	11/10/89
0900	0950	Fed Rep Germany	R Deutsche Welle	21680	21650	21600	17780	17765	11945	9645	6160	Aus/As/S&C&E Afr	10/30/89
0900	0925	Finland	R Finland	21550	17800						Aus		11/09/89
0930	0955	Finland	R Finland	17800	15245						E As		11/09/89
1000	1045	German Dem Rep	R Berlin Int'l	21465	21540						Far E	#1 Sa-Su only	11/10/89
1000	1100	India	AIR	21735	17890	17865	17387	15335	15050		GOS/NE As/Aus/MI		10/28/89
1000	1200	USA	VDA	11915	9590	6030					Caribbean/Americas	#3 replaces 930 MW	10/29/89
1000	1100	USA	WYFR	5950							NA		11/18/89
1000	1030	Vietnam	V of Vietnam	15010	12020	9840							11/07/89
1030	1100	England	BBC	9740							WS: NA/CA/Carib	v Sack	11/18/89
1100	1200	China	R Beijing	9665							ENA		11/11/89
1100	1345	England	BBC	11775	9740	6195	5965				WS: NA/CA/Carib	#1,3 Ant:#2&4 Sack	11/18/89
1100	1130	Israel	Kol Israel	21780	17590	17575	15650	15485	11585		W Eu/Aus/As	#2 alt	10/30/89
1100	1500	USA	KUSW	9850							Canada	70 deg:Su only	11/06/89
1100	1200	USA	WYFR	7355	5950						NA		11/18/89
1100	1200	USSR	R Moscow	21800	17890	17840	17810	17700	17570	15490	15475	World Service	11/06/89
1100	1130	Vietnam	V of Vietnam	15010	12020	9840							11/07/89
1130	1225	Iran	R Tehran	11790	9695	7230	7215	7190			SE As/ME/India		10/28/89
1150	1215	Finland	R Finland	21550	15400						NA	M-F	11/09/89
1200	1300	China	R Beijing	15450	11660	11600	9665	9530			S Pac/SE As/ENA		11/07/89
1200	1245	German Dem Rep	R Berlin Int'l	17780	13690	9665	6115				Eu/ME		11/10/89
1200	1230	Romania	R Bucharest	17720	15340						As		11/04/89
1200	1300	USA	WYFR	17640	7355	5950					NA		11/18/89
1200	1300	USSR	R Moscow	21800	21725	17840	17810	17700	17570	15490	15475	World Service	11/06/89
1200	1225	USSR	R Tashkent	15470	11785	9715	9600	7325			As		11/05/89
1230	1255	France	R France Int'l	21645	21635	17650	15195	15155	11670	9805	Aa/Afr/Ind/As/Eu	News & feat/English	11/13/89
1300	1400	China	R Beijing	11660	11600	9530					SE As		11/07/89
1300	1355	Romania	R Bucharest	17850	15365	11940					Eu		11/18/89
1300	1500	USA	WYFR	17640	13695	11830	9705	5950			NA	#2,3 Network M-Sa	11/18/89
1300	1400	USSR	R Moscow	21725	17840	17810	15560	11840	9875		World Service	#6 v Cuba 1330-	11/06/89
1330	1355	Belgium	BRT	21820	21815						NA/SE As	#1 M-Sa/#2 M-F	11/12/89
1330	1355	USSR	R Tashkent	15470	11785	9715	9600	7325			As		11/05/89
1330	1400	Vietnam	V of Vietnam	15010	12020	9840							11/07/89

1345	1500	England	BBC	9740			WG: NA/CA/Carib	v Sack	11/18/89
1400	1500	China	R Beijing	7405			WNA		11/07/89
1400	1425	Finland	R Finland	21550	15400		NA	Sa -1445, Su -1500	11/09/89
1400	1425	France	R France Int'l	21770	11925	7125	SE As	#2&3 v China	11/13/89
1400	1500	USSR	R Moscow	21725	17840	17810 15560 15475 11840	World Service	#6 v Cuba	11/06/89
1430	1457	Czechoslovakia	R Prague	21505	17705	15155 15110 13715 11685	S&E As/Pac		11/07/89
1500	1600	China	R Beijing	7405			WNA		11/07/89
1500	1550	Fed Rep Germany	R Deutsche Welle	21600	17765	11965 9735	S&C&E Afr		10/30/89
1500	1705	Guam	KTWR	11650			India		11/07/89
1500	1530	Romania	R Bucharest	17775	17745	17720 15335 15250 11940	As		11/04/89
1500	1700	USA	KUSW	15650			Canada	70 deg:Su only	11/06/89
1500	1600	USA	WYFR	17895	17845	15215 13695 11830	NA	#4&5 Network M-Sa	11/18/89
1500	1600	USSR	R Moscow	21725	17810	15560 15475 11840	World Service	#5 v Cuba	11/06/89
1530	1625	Czechoslovakia	R Prague	21505	17840	15155 15110 13715 11990 11685 9605	Afr/S As/Eu		11/07/89
1600	1650	Fed Rep Germany	R Deutsche Welle	21680	17825	15595 15105 7225 6170	S As		10/30/89
1600	1655	France	R France Int'l	17850	17795	17620 15360 12015 11705 6175	Afr/ME/As/W Eu	#5&6 v Gabon	11/13/89
1600	1700	Guam	KTWR	11910			Africa		11/07/89
1600	1650	North Korea	R Pyongyang	11760	9325		Eu		10/28/89
1600	1630	Norway	R Norway	21705	17765		NA/CA	Eng Sun only	11/12/89
1600	1640	United Arab Emirates	R Dubai	21605	15435	15320 15300 11790	Eu/Afr	#2 unann. 10f#3-5 off	11/07/89
1600	1700	USA	WYFR	21615	21525	17895 17845 17612 15566 15215 13695	Eu/Af/NA	#8&9 Network M-Sa	11/18/89
1600	1700	USSR	R Moscow	17810	15475	11840	World Service	#3 v Cuba	11/06/89
1600	1630	Vietnam	V of Vietnam	15010	12020	9840			11/07/89
1630	1700	USSR	R Stn Peace & Progress	17565	17595	15585 15320 11850 11745 9820 9715	Af/As		11/24/89
1700	1750	North Korea	R Pyongyang	11760	9325		Eu		10/28/89
1700	2200	USA	KUSW	15650			Canada	70 deg	11/06/89
1700	1900	USA	WYFR	17895	17845	17750 15215 13695 11830	Eu/Af/NA	#5&6 Network M-Sa	11/18/89
1700	1800	USSR	R Moscow	15475	11840		WS	#2 v Cuba	11/06/89
1730	1825	Czechoslovakia	R Prague	21505	17840	15110 13715 11990 11685 9605	Afr/S As		11/07/89
1730	2005	New Zealand	R New Zealand Int'l	17730	15485		Pac		10/28/89
1730	1800	Romania	R Bucharest	17860	17805	15365 15340 11940	Afr		11/06/89
1800	1850	Brazil	R Bras	15265			Eu		11/09/89
1800	1815	Israel	Kol Israel	11655	11585		W Eu		10/30/89
1800	1900	USSR	R Moscow	11840	9860	9685	World Service	#1 v Cuba	11/06/89
1800	1830	Vietnam	V of Vietnam	15010	12020	9840			11/07/89
1815	1900	Bangladesh	R Bangladesh	17804	15255		Eu/ME	#1 varies	11/04/89

1830	1855	Belgium	BRT	13675	5910				Eu		11/23/89
1830	1915	German Dem Rep	R Berlin Int'l	15350	15145	13610	9665		Af		11/10/89
1900	1930	Afghanistan	R Afghanistan	9635	7215	6020			Eu		11/18/89
1900	1950	Fed Rep Germany	R Deutsche Welle	17810	15390	13790	11810 11785		W Afr		10/30/89
1900	2000	USA	MYFR	17895	17845	15566	15215 13695 11830 7355		Eu/Af/NA	#5&6 Network M-Sa	11/18/89
1900	2000	USSR	R Moscow	15450	11840	9860	9685		World Service	#2 v Cuba	11/06/89
1900	1930	Vietnam	V of Vietnam	15010	12020	9840					11/07/89
1930	2000	Bulgaria	R Sofia	9700	7155	6070			W Eu		11/10/89
1930	1945	Finland	R Finland	11755	9530	6120			Eu/ME/Afr		11/09/89
1930	2025	Romania	R Bucharest	11940	11810	9750	9690		Eu		11/18/89
2000	2030	Israel	Kol Israel	17630	15485	15460	13750 11605 9535		Af/W Eu/NA	#2&4 alt	10/30/89
2000	2200	USA	MYFR	21525	17895	17845	17612 15215 13695 11830 9455		Eu/Af/NA	#6&7 Network M-Sa	11/18/89
2000	2100	USSR	R Moscow	11840	9860	9685	9470 7380 7370 7250		WS & UK/Ireland	#1&2 WS & #3-7 UK	11/06/89
2015	2100	German Dem Rep	R Berlin Int'l	15350	13610	9665			Af		11/10/89
2030	2100	Vietnam	V of Vietnam	15010	12020	9840					11/07/89
2100	2150	Fed Rep Germany	R Deutsche Welle	15435	11785	9765	9670 7130		Aus/As		10/30/89
2100	2300	Iraq	R Baghdad	7290					Eu		11/17/89
2100	2125	Romania	R Bucharest	15250	11940	9750	9690		Eu		11/18/89
2100	2200	USSR	R Moscow	11840	9860	9685	7170 6165		World Service	#1 v Cuba	11/06/89
2130	2200	Bulgaria	R Sofia	9700	7155	6070			Eu		11/10/89
2200	2300	Cuba	R Havana	7215					Eu	v USSR	11/18/89
2200	0030	England	BBC	9915	9590	7325	6175 5975		WS: NA/CA/Carib	#2&4 Sack: #5 Antigua	11/18/89
2200	2225	Italy	RAI	11800	5990				Japan		11/03/89
2200	2300	Taiwan	V of Free China	15370	11805	9955	9852		Eu/Aus/NZ	#2&4 v MYFR	11/04/89
2200	0100	USA	KUSW	15580					Canada	70 deg	11/23/89
2200	2300	USA	MYFR	21525	17895	17845	17612 15215 13695 11830		Eu/Af/NA	#6&7 Network M-Sa	11/18/89
2200	2300	USSR	R Moscow	9860	9820	9685	7170 7150 6165 6055		World Service		11/06/89
2200	2300	USSR	R Stn Peace & Progress	9580	7360	7215	7205 6145 5905 4795		Eu		11/24/89
2230	2330	Bulgaria	R Sofia	11680	9700				W Eu		11/10/89
2230	2300	Israel	Kol Israel	15615	13750	11605	9930 9435		LA/NA/W Eu	#2 alt	10/30/89
2230	2300	Vietnam	V of Vietnam	15010	12020	9840					11/07/89
2245	2330	German Dem Rep	R Berlin Int'l	13690	9730	5965			ENA/Eu		11/10/89
2245	0045	New Zealand	R New Zealand Int'l	17705	15485				Pac/Aus/Melanesia		10/28/89
2300	0300	USA	MYFR	15440	9505	5985			NA	#2&3 Network M-Sa	11/18/89
2300	0000	USSR	R Moscow	17605	9870	9720	9685 7150 7115 6045		ENA	and 4 other freq's	11/06/89
2300	2330	USSR	R Vilnius	15580	15455	9700	7480		NA		11/18/89
2330	2400	Vietnam	V of Vietnam	15010	12020	9840					11/07/89

Changes entered between 10/28/89 and 11/24/89.

ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas R. Sandstrom, W2TD

Shortwave DX Program	Show Start Time	Time	Country	Station	Freq 91	Freq 92	Freq 93	Freq 94	Freq 95	Freq 96	Freq 97	Target Area	Notes re DX Show	Record Last Updated
** DAY OF THE WEEK: Sunday														
Pacific DX Magazine	0845	0800	Guaa	KTWR	15210							Far East		11/07/89
DX Show	1745	1730	Czechoslovakia	R Prague	21505	17840	15110	13715	11990	11685	9605	Afr/S As M Eu	occ has sked data	11/12/89
Listeners' Corner	2207	2200	Canada	R Canada Int'l	11945	9760								11/12/89
** DAY OF THE WEEK: Monday														
Waveguide	0530	0500	England	88C	9640	5975						MS: NA/CA/Carib		11/18/89
** DAY OF THE WEEK: Tuesday														
DX Program	0245	0200	USSR	R Moscow	21470	12050	9720	9700	9685	7150	7115	EMA		11/06/89
RBI DX Club	0350	0330	German Dem Rep	R Berlin Int'l	15240	13410	9730					Caribbean	biweekly	11/17/89
DX Program	0645	0630	USSR	R Moscow	12050	9890	7340	7260	7230	7210	7180	WNA		11/06/89
** DAY OF THE WEEK: Thursday														
World of Radio	2030	2000	Equatorial Guinea	R Africa	7189							Af	may be 2130	10/29/89
** DAY OF THE WEEK: Saturday														
DX Party Line	0800	0800	Ecuador	HCJB	11925	6130						S Pac	1st release of week	11/13/89
DX Party Line	1030	0800	Ecuador	HCJB	11925	6130						S Pac		11/13/89
World of Radio	1200	0500	Equatorial Guinea	R East Africa	9585							Af	may be 1215	10/29/89
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270						Eu		11/13/89

3rd Annual Winter SWL Festival
February 23-25, 1990
Holiday Inn
Summeytown Pike
Kulpsville, Pennsylvania

The Winter SWL Festival is a good excuse for those folks with a common interest in the Shortwave Listening hobby to gather for a weekend of socializing and meeting other SWL's. Forums and roundtable discussions will be held on Saturday for those wishing to learn more about SWL'ing or to exchange tips and techniques. Door prizes, station freecies, displays from clubs, and a banquet round out the weekend events.

Forum Topics

Basic Propagation for the Beginner
QSL Preservation and the CPRV.
Antennas for the Beginner and Advanced Listener
Shortwave Accessories
What are Utilities and where to start?
DXing Helps - Books, Magazines, Clubs, Newsletters, Atlases
The Collecting and Display of Station Memorabilia
The NASWA Awards Program and Tips for Acquiring Awards
Receivers: What do you need? What to look for, what is new, and what is in the future.
The Hidden World of Clandestines
What is Pirate Broadcasting and How to Hear Them
Scanners and Scanner Clubs
QSLing Techniques
Computers in the SWL Hobby
The Role of Clubs in the SWL Hobby

Registration Options -

FULL - All functions including forums, hospitality room, lunch and banquet - \$30

PARTIAL - Includes forums and hospitality room but NO meals - \$15

SPOUSE - Includes hospitality room and meals - \$15

Please register NO LATER than February 10, 1990. Checks should be made payable to WINTER SWL FEST. Registration for hotel rooms should be made directly to the Holiday Inn at (215)368-3800 - As soon as possible! Special rates - \$55 single, \$59 double. Our function code with the hotel is WINTER SWL FEST. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 at 1500 UTC Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Tumpike NorthEast Extension - Lansdale Interchange. Limo service is available from Phila. Intl. Airport directly to the Holiday Inn.

Please submit the following form with your registration amount to:

Winter SWL Festival
PO BOX 591
Colmar, PA 18951

Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

Circle one: FULL PARTIAL SPOUSE (Spouse Name _____)

Banquet choice: Roast Beef _____ Chicken _____

Henrik Klemetz

Latin America by Radio

The aim of this book is to unveil some lesser known aspects of Latin American broadcasting also from a cultural and linguistic point of view. While primarily intended for shortwave hobbyists, this book may also be of interest to

- * students of the Spanish language,*
- * travellers in South and Central America, and*
- * readers interested in the role of broadcasting as a communications medium in Latin America and in third world countries in general.*

Henrik Klemetz is a well-known Swedish DXer who has travelled widely all over Latin America. As an expert on Latin America he is among the best in Sweden. His cooperators include Julián Anderson, of Argentina, Paco Arrunátegui, of Peru, Francesco Clemente, of Italy, and Björn Olsson, of Sweden. Also the publisher, Jyrki K. Talvitie, of Finland, is a well-known DXer and expert on Latin America.

The book deals with the following topics:

That special thing about Latin American broadcasting

The role of broadcasting in Latin America. Decline of shortwave broadcasting. Broadcasting in rural areas. Broadcasters and postal services. Broadcasting in the urban areas. Audience research. Ownership. Advertising revenue.

How stations identify

Definition of terms. Call letters. Station names. Slogans. Catchwords. La radio total. New identification patterns. Frequency-related station names. Nicknames and local patriotism.

Some useful hints for identification

Regional speech patterns. Descriptions of Spanish. Address information. Telephones and "barrios". Rural areas. Postal area codes. Extended schedules. Sports programmes.

Latin American music

Music types. Instruments. Music formats in broadcasting. Records and interpreters.

Newscasts

Mediumwave and FM spectra of 17 cities.

Commercials and advertising formats

Brand names in Latin American radio advertising. Alphabetical list of brand names. List of products with translation into English. Local commercial advertising.

Appendix (with transcripts)

Station identification. Sign-on announcements. Sign-off announcements. Time check formats. Weather reports. Adstrings. Lost objects, missing persons. Sales messages in the countryside. Personal messages. Want-ads. Greetings. Birthday greetings. Medical treatment. Obituary notes and obsequies. Summons to meetings. Invitations to fiestas. Political PSA's. Non-political PSA's. Edicts.

Vocabulary of broadcasting terms in Spanish and English

QSL-ing techniques

Return postage. What to write and how. Useful and dirty tricks. Verie signers. Official reception reports.

Currency exchange rates

National Anthems

Gentilicios

Latin America by Radio

168 pages

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DECALCOMANIA
THE Promotions- and Tape-
Collectors' Club

Mark Strickert
3852 N Oconto
Chicago IL 60634
(312) 625 7909

PRESS RELEASE

Effective immediately, Doug "Leo" Hanbury will no longer be handling the DecalcoMania club's sample bulletin orders and information requests. "Leo's" schedule has gotten unexpectedly filled in recent months, so he must step down.

All requests for DecalcoMania club sample bulletins, and any other inquiries, should now all go to the main club address:

Mark Strickert, 3852 N Oconto, Chicago IL 60634

Sample bulletins will now cost \$1.25 to US addresses, \$1.50 (US) to Canada and Mexico, or \$2.25 (US) to other countries. This is payable in US cash, money order, unused postage, or check if you insist.

Information requests still require at least a Self-Addressed Stamped Envelope.

The DecalcoMania sticker and aircheck club, now in its 8th season, is for people who collect and trade promotional items and tape-recordings of radio and television broadcast stations. Members have also been known to discuss radio and TV in general. The club bulletins contain news of stickers, T-Shirts, music playlists and other promotional materials available from stations, and for-trade from members. "Aircheck" (recordings) tips, "Wanted's" and "Have Available's" have their own column. The club and its bulletins are run by a small, knowledgeable all-volunteer staff, and all members are encouraged to help out by contributing their information and expertise.

DecalcoMania has just published two hobby reference materials. AIRCHECK ARCADE covers the tape-trading and collecting hobby, and includes club members' reviews of many cassette recording tapes and "Boom-Boxes". CARE & FEEDING OF A PROMO COLLECTION contains many tips on starting and building a collection. Both books can be ordered from the above address. Prices include First Class postage, and is US cash/mo/stamps/check only.

	US	CDN/MEX	Etc
AIRCHECK ARCADE	\$3.75	\$4.00	\$5.00
CARE & FEEDING	\$3.25	\$3.50	\$4.50
BOTH BOOKS	\$6.50	\$7.00	\$9.00

DecalcoMania members get a 50% discount on each book or sample bulletin ordered to their address.

DecalcoMania club members are ALWAYS interested in radio-related clubs (including the "DX" variety), bulletins, magazines and reference materials. We will be more than happy to help publicize your publications, programs and events, if you will send along any publicity information and press releases your organization currently has. If you want, we will swap a current copy of the DECALCOMANIA club bulletin for one of yours.

Thank you all!

WANTED: Crystal calibrator in good working condition. Please write short note to describe along with asking price. Dennis Kelly, 17338 Pine Grove, Roseville, MI 48066.

FOR SALE: Sangean ATS-803 for \$65.00 including shipping. I also have a collection of Pop-Coms available to anyone who's willing to pay the postage. John Miller, 2620 Powell Drive, Thomasville, GA 31792.

Clandestine-Contest
Mathias Kropf
Mähr.-Schönberger-Str. 9
6430 Bad Hersfeld 1
Federal Republic of Germany

PRESS RELEASE

5th Clandestine-Contest

The 5th Clandestine-Contest will be held from April 13 to April 16, 1990.

The task of the participants will be to listen to approx. 20 political clandestine stations according to a detailed contest schedule and to note their observations on log sheets.

Each log will get station points and programme points. After the results have been compiled, each participant will receive an extensive result-list and a diploma. In addition to this, there will be prizes for the three best participants in general, and also prizes for the best participants from each continent outside Europe (Africa, Asia, America, Australia/Oceania).

The detailed contest guide is now available from:
Clandestine-Contest, Mathias Kropf, Mähr.-Schönberger-Str. 9, 6430 Bad Hersfeld 1, Fed. Republic of Germany.
Requests should include return postage.

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