

# FRENDX



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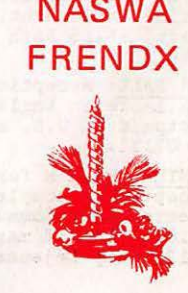
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# NASWA

## HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

### NEW NASWA DISTRIBUTING EDITOR

As we mentioned last month, Terry Colgan has been named Executive Secretary of ANARC, and the work involved with this position makes it necessary for him to give up the Distributing Editorship for FRENEX. Beginning for the February issue of FRENEX, the new Distributing Editor will be Nick Pappas, 751 South Olds Boulevard, Apt. 243, Fairless Hills, PA 19030. Terry has been kind enough to set things up this way so there will be no delay nor confusion in getting your material to the Log Report Editors. Material for the January issue goes to Terry. After that please send it to Nick.

### ILG PRICE CHANGE

Rob Harrington reports that the price for a sample copy of International Listening Guide is now \$2.00 in U.S. funds and \$3.00 in Canadian funds. Subscription prices to this directory of English language transmissions on SW are \$6.50 in U.S. dollars and \$7.75 in Canadian dollars. The Guide is published in West Germany four times a year in September, November, March, and May. Subscription copies come directly from West Germany by Airmail. Sample copies can be obtained from Rob Harrington, P.O. Box 3434, Littleton, CO 80161, U.S.A.

### CIDX WRTH OFFER

The Canadian International DX Club again announces a special pre-publication price on the 1983 WRTH for Canadians only. The cost is \$20.00 ppd 4th Class mail or \$22.00 by First Class mail. This offer expires December 15, 1982. If you desire a confirmation of your order, please include an SASE. For more information please write to CIDX, 6815-12 Avenue, Edmonton, Alberta T6K 3J6.

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Grundig Yachtboy 700 compact portable with six SW bands plus LW, AM, and FM. Price \$85.00. Frank Wheeler, 415 East Farmer, Andover, KS 67002.

FOR SALE: Drake R-4B with Torrestronics Digital Readout, MS-4 speaker, ten crystals. All in mint condition. With manual and original carton, \$400.00. I pay UPS. John Williams, 3216 West 85th Street, Bloomington, MN 55431. Phone (612) 831-2760 from 2300 to 0300 GMT.

FOR SALE: Vintage Hallicrafters Model S-120, \$25.00. Howard Louderback, 198B Woodland Drive, M.F.L., Leesburg, FL 32748. Phone (904) 357-9852.

WANTED: ICF-5900, 6500, 7600A, and RF-2200 owners who want greater selectivity. I will add a much better filter for only \$15.00. This includes return shipping and insurance. Certified check or money order only. Al Leary, 67 Eber Avenue, Akron, OH 44305. Phone (216) 376-2402.

FOR SALE: Drake R-4B with crystals for all the major bands plus Tropical and more. This classic DX receiver comes with manual, and is in excellent condition throughout. Price \$340.00, shipping included anywhere in the U.S. Herb Shatz, 99-15 66th Avenue, Forest Hills, NY 11374. Phone (212) 275-9215 till 0300.

FOR SALE: Reception Report cards, 3½" x 6". Records all vital reception info. Available in English, Spanish, French, and Portuguese. Twenty cards for \$2.00 postpaid in U.S. and Canada. William J. Plum, 124 Hillside Terrace, Irvington, NJ 07111.

WANTED: WRTH's for 1980, 1981 and 1982 for collection. Almost any condition accepted if complete and reasonable. Also old (1960 or before) Elementary Electronics, Communication World, etc. Advise what you have and condition and price. Also if magazines contain SW info or articles. Tom Mooningham, P.O. Box 8512, Camp Lejeune, NC 28542.

FOR SALE: Drake SPR-4 with Radio West selectivity modification and extra crystals. Price \$275.00. James G. Herkimer, 3255 South Drive, Caledonia, NY 14423. Phone (716) 538-4868.

FOR SALE: HRO-500. Price \$650.00. Keith Olson, E15470 Hwy 106, Belfair, WA 98528.

FOR SALE: Yaesu FRG-7 in very good condition. Price \$250.00. Rob Harrington, P.O. Box 3434, Littleton, CO 80161.

FOR SALE: Info-Tech M-200F RTTY/Morse Converter. Panasonic TR-930 Video Monitor. FRG-7 with Gilfer 4 kHz filter and GAR-7 digital frequency readout. MFJ-304 Mobile Shortwave Converter for 19, 25, 31, and 49 meters. SBE 50 MHz mobile SSB transceiver. Kenwood TR-8300 440 MHz FM mobile transceiver. Reasonable offers welcome. Bill Smith, Rt. 2, Box 116, Reinbeck, IA 50669. Phone (319) 345-2982.

NOTICE: Larry McKinney reports that fans of Radio Nederland's "Happy Station" can now purchase an album of songs sung by Tom Meyer. The album is available for US\$9.99 which includes postage and handling from Fred Breed, c/o World Productions, Inc. P.O. Box 861, Gainesville, GA 30501. There is a four to six week delivery time.

FOR SALE: Yaesu FRG-7 in excellent condition. Used 1 1/2 years. Comes with manual, original carton, schematic and D.C. kit. Price \$185.00. You pay shipping. I will consider a trade for a Yaesu FRG-7700 in excellent condition. Darren Rogers, 1268 Dale Court, Seaford, NY 11783. Phone (516) 221-7712.

CORRESPONDENTS WANTED: I would like to hear from other NASWA members (preferably by cassette tape) who use the Sony ICF-2001 receiver and also from any active members in the Canton-Akron, OH area. I am interested in also establishing regular contacts by tape with those between 25-45 interested in SWling and music of all kinds. Write or tape to Ron Luyster, 911 7th Street N.W., Apt. 3, Canton, OH 44703. EDITOR'S NOTE: Ron writes that he was one of the "old-time" NASWA editors back in the early 1960's with Bill Eddings, and that he's back in the hobby after 18 years.

FOR SALE: FRG-7, Radio West modified with Collins filter, fine tuning and antenna switching. In mint condition with manual and original carton. Price \$250.00. Hammarlund HQ-100A with automatic electric clock timer. Excellent condition, with manual. Price \$135.00. Radio West KRS AA-1 active antenna. Never used. Still in carton. Price \$80.00. Palomar Loop antenna for medium wave. Price \$80.00. Sony World Zone 33-band CRF-330K. Receives FM, SW, MW, LW with built-in recorder. Three years old. Original cost \$1866.80. Excellent receiver with manual. Price \$1200.00 firm. Gorman Cantrell, P.O. Box 1067, Lake Panasoffkee, FL 33538. Phone AC904 793-7239.

FOR SALE: M.B.A.-RO Morse-Baudot-Ascii reader, six months old and in mint condition. Modified by company for low audio pickup. This unit has 32 characters for easy high-speed copy. Included are AC adaptor, desk stand, and manual. Original cost was \$305.00, selling for \$230.00 including shipping. Steve Leite, 895 Bedford Street, Fall River, MA 02723. Phone (617) 675-2830.

WANTED: Drake MS-4 speaker in good condition operationally and visually for an R-7 receiver. Reasonable. ALSO: I would like to make contact with other SWL/DXers in my area for weekly/bi-weekly/ monthly meetings, DX sessions and to exchange information. Connecticut DXers especially, but New England area also. Irv Ambler, 558 Booth Hill Road, Trumbull, CT 06611. Phone (203) 375-2906.

NOTICE: Gilfer Shortwave, Park Ridge, NJ 07656-0239 announces a pre-publication offer on the 1983 World Radio TV Handbook which will be distributed in January. The Handbook contains schedule and frequency information on all SW broadcasters plus special features by Jerry Berg and George Wood and a review of several new receivers by Larry Magne. The cover price is \$17.50, but if you order before December 31, 1982, you can get the Handbook from Gilfer for US\$13.50 plus shipping and handling which is US\$1.50 per book for UPS delivery within the 48 contiguous States or shipping by regular USPS book mail and US\$3.50 for one book or US\$5.00 for two or three books for USPS "Priority" First Class Mail shipment to Alaska, Hawaii, Canada, Caribbean Islands or Mexico. If further information is required, please call (201) 391-7887.

# Shortwave

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PHONE: (212) 549-6613 2330-0430 GMT WEEKDAYS  
ALL DAY/EVENING WEEKENDS

# Center



## ON TO THE TOP

a FRENCH Classic, by Don Jensen

### Part I: How Can I Become a Top Flight SWBC DXer?

**EDITOR'S NOTE:** Almost ten years ago, NASWA veteran Don Jensen wrote a series of articles aimed at the person who wants to become a DXer in the top ranks of the hobby. The road to the top of the hobby is not for everyone -- some are not willing to devote the time necessary, and some are not interested in the segment of the hobby Don writes about. For those of you, however, who want to delve more deeply and satisfyingly into the DX-chasing aspect of radio listening, this article is must reading.

The series of articles Don wrote wears very well; when I wrote him asking whether he minded a reprint or whether he wanted to revise and update any part of the articles, Don wrote me and said that he felt it was best to leave them alone, save for updating a few frequencies quoted in the article. So, with only those few insubstantial changes, here's Part I of "On To The Top"!

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How can I become a top flight SWBC DXer?

Seldom is this question actually voiced, but it sums up the intent of a lot of specific questions actually asked by listeners who have progressed beyond the unabashed beginner stage. And it is a good lead-off question for this series.

Unfortunately, there is no one magical answer, no clearcut formula for success. But one word that will be cropping up again and again in this series is experience. Hearing the hard-to-hear stations is the sum and substance of serious DXing on the shortwave bands. And, though it may seem a flippant answer, experienced DXers hear the hard-to-hear stations because they're experienced!

Contrary to popular belief, top-quality equipment isn't the solution. Yes, a good receiver will be a big help. It will make serious DXing easier. But the important word there is "easier." An experienced DXer with a mediocre receiver still will manage, over the long haul, to hear most of the real DX. And a novice with a kilobuck receiver still will be asking how he can log those rare stations.

There's none so disappointed as the guy who, expecting miracles, scrapes up enough dough to buy a so-called "pro" receiver, only to find he suddenly ISN'T bagging all those goodies!

Experience -- there's that word again -- is the answer! But that does not mean just "time served" in the hobby. Time is a factor, naturally, since learning takes time. But the effort to learn is critical. Experience is just the practical application of knowledge.

A top-flight DXer? Well, when does a DXer "arrive?" If arriving means reaching a pinnacle of proficiency, the answer is "Never!" No one can ever know all there conceivably is to know about the subject, and even the most experienced DXers can never stop trying to learn more.

Individual definitions may vary, of course, but for our purposes let's assume that when a DXer is generally regarded by other DXers as being among the "top ten percent," he's arrived. In other words, you're a top DXer when others consider you one.

Or, to put it another way, if you still have to ask, you aren't!

ON TO THE TOP -- (continued)

There's no magic entry point to the "charmed circle." no countries heard/verified total that proclaims it to the membership. It is a matter of your reputation as a solid, reliable, accurate, experienced DXer!

Purely a personal opinion, but it seems to me that a relative beginner who goes all out to learn what serious DXing is about could reach that vague status position in a minimum of five years. Some, of course, will take longer, and some will never reach it at all.

Spoon-feeding information is out. You've got to work very hard to learn as much as you can. Among other things, this means a great deal of reading to build a mental storehouse of knowledge you need to be a real DXer.

When you come across a semi-technical or technical article in FRENEX do you pass it by; skip over it quickly because it's too hard to understand? Or do you make a serious effort to master the subject and then use it as a take-off point for further study?

The guy who complains to the editors that an article is too tough and too tedious, that he doesn't understand it and plaintively cries "Why can't we have more features for the beginner?" is the one who only slowly, or perhaps never, will progress much beyond the beginner stage!

Hard work? Definitely yes! A slow process? Probably! But DXing is only a hobby, a pleasurable pastime, you say. Yes, and a casual approach to shortwave listening is perfectly acceptable if that's your thing. But excelling, even at a hobby, can be pleasurable.

Many SWLs simply don't care to make their hobby more than the casual listening to some interesting overseas programs. I don't intend to knock that approach at all, but if you've ever asked yourself the opening question: "How can I become a top-flight SWBC DXer?" you've indicated your interest is more in the direction of DXing than SWLing.

And, if it's a serious DXer you want to be, you've got to work at it!

- - - - -

NEXT MONTH: Hearing those really rare stations.

\*\*\*\*\* | \*\*\*\*\*

It should be noted that this series of articles, which originally ran in FRENEX from June to November, 1973, was written before the execrable "SWL-DXer" controversy. Let's not read back into this series any put-downs of one side or the other in that controversy. Most important, I won't entertain any "It Sounds To Me" submissions on that subject. Peaceful coexistence between those two groups, if there really are two groups, is my stated objective. In addition, I welcome any articles or series of articles on how to become a better "SWL". For example, I have a friend who is a very devout shortwave listener. His time is organized around his radios, his timers, and his tape recorder. He manages to listen to about 90% of what he feels is worthwhile on the airwaves. How to get the most out of your shortwave listening. So, don't complain about the "difficult articles" and the "lack" of novice features in FRENEX. By Gad, do something about it!

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I hope that everyone has noted that my mailing address has changed. I am making an experimental change to see whether the mail in Manhattan is faster than the mail up here in the wilds of the Bronx. My phone number and my residence address remain the same. (Hansen)

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It is an unfortunate truth that we editors of DX columns must sometimes antagonize people by either not printing their loggings for some reason or by questioning a logging which we feel is not quite correct. In the last 9 years plus that I have been editing a logging column, I have tried to be sparing in the use of invective and sarcasm to criticize loggings -- if necessary, I omit the reporter's name to spare us all embarrassment. My practices seem to have antagonized someone, however; in the past several months, the following have occurred: (1) False loggings were submitted to my other column under the name of Joe George, FL. (2) Someone has written in my name to various mail order organizations asking for literature. This practice victimizes only the mail order businesses, as my wastebasket is ready to hand. (3) Most seriously, in the August 31st edition of Sweden Calling DXers, two reports were submitted in my name. Both were patently false, and drew on my SPEEDX column. THEREFORE, BE WARNED, no report purporting to be from me is true unless you see it in FRENEX or SPEEDX (until this matter is cleared up). George Wood of SCDX sent me a copy of the letter he got purporting to be from me, and we are following up on that. Sorry to bother all you NASWans with this crud, but I want to forestall any repercussions from other possible Hansen imposters.



# VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

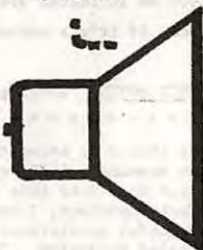
## TRUBLE-SHOOTING PRE-WAR SETS

When your set goes down, it can be extremely frustrating. The chart which follows will help you "get back on line" in time for Tibet, or Tristan!

The first step in locating the problem is to analyze the set's condition. This includes a cursory examination from which the following points should be noted:

- 1) Is the dial light on? If not, the filament or heater circuit may have failed, or a series filament may have burned out.
- 2) Similarly, do all of the tubes light up? If not, which tube is dark, and in which circuit (parallel filaments) is it located?
- 3) Is there any sound in the speaker? This can help direct you toward the RF/IP section (if low output), the output section (if hum only), or the power supply (if no sound whatsoever).
- 4) Finally, look and smell for smoke if this was not readily apparent at first. A transformer may have shorted; the filter choke on the speaker may have shorted, or a resistor may have cooked.

Speaker



!!!!

IT SOUNDS TO ME ... IT SOUNDS TO ME ... IT SOUNDS TO ME ... IT SOUNDS TO ME ... IT SOUNDS

When you look at the next two pages you'll see why there is a hole here to fill. Serge P. Neumann, eminent DXer, has a comment on last month's It Sounds to Me.

"The November issue of FRENEX, and "It Sounds To Me" in particular, proves once again how important a forum of this type is. It is important because there are issues out there to be discussed.

"But advertising? I found Randy's article (and overall premise) most interesting. However, I must disagree with the initial precis that Randy embraces. I do not believe it should be the goal or responsibility of hobbyists to advertise (market) their hobby so others may join.

"Everything Randy says about marketing and positioning is quite right. However, he confuses promotion with marketing (advertising). Yes, as hobbyists we should promote out individual clubs (if that is our goal), but place ads for shortwave radio? Randy has confused promotion with sales.

"No. That's the responsibility of the radio stations who broadcast on shortwave. And from another viewpoint, it is the responsibility of the manufacturers of shortwave receivers to market (advertise) their product.

"Fact is, we as hobbyists have no product to market other than our individual clubs. Can you imagine owners of Chevrolets, as members of a car club, placing newspaper ads telling how wonderful Chevy's are? No, of course not."(But what's stopping them? ch)

"We as hobbyists, be we DXers of casual listeners, are consumers of a product. ...It is the duty of the suppliers...the radio manufacturers and ... stations, to promote (sell) their product to the potential audience." (But Serge, just because no one's ever done this before doesn't mean we, as DXers, can't. There isn't a law against it! ch)

CATEGORY	RF Stage	Mixer-Oscillator Stage	IF Stage	2nd Detector
SYMPTOMS	Open or shorted RF coil Band switch contacts dirty Shorted tuning or trimmer condenser	Oscillator plate resistor open First IF Transformer primary open; shorting or open oscillator trimmer condenser Open plate choke cell	Open IF coil Plate decoupling resistor open Shorted trimmer condenser Primary or secondary bypass condenser shorted	Plate load resistor open or shorted Shorted trimmer condenser Control grid lead shorting out to shield Open plate filter choke
INOPERATIVE	Open plate decoupling resistor or choke			
INTERMITTENT FADING	Shorting trimmer condenser Loose connecting lugs on RF coil Leaky plate or screen bypass condenser Bandswitch making poor contact	Poor insulation on oscillator trimmer condenser; open grid return resistor; high resistance at lugs of oscillator coil Dirty bandswitch contacts	Open or shorting grid bypass condenser Litz wire on lugs corroded Trimmer condenser shorting AVC network defective	Defective volume control Load resistor bypass condenser shorting High resistance contact in IF transformer secondary RF bypass condenser shorting
OSCILLATION OR NOISY	Rotor contacts on tuning condenser dirty Open cathode or screen bypass condenser Shorted bias resistor Aligned too sharply	Open grid cell; cathode bypass condenser open or leaky Shield on grid leads corroded or open Decoupling resistor shorted	Screen bypass condenser open IF transformer out of alignment Shorted cathode bias resistor Poor coil contacts at lugs	Open plate or grid bypass condenser Defective volume control Out of alignment Defective plate load resistor
DISTORTION OR HUM	Shorted filament bypass condenser Antenna too long, causing overload Shielding making poor contact Shorted antenna coupling condenser	Leaky plate bypass condenser Shorted or leaky cathode bypass condenser Open grill filter condenser Oscillator coil misaligned	Open cathode bypass condenser Stage out of alignment Too sharply tuned oscillation High resistance between primary and secondary of IF transformer	Defective volume control Leaky audio coupling resistor Plate load resistor too high Leaky plate bypass condenser
TYPICAL TUBES	6K7, 12SK7, 6D6, 78, 58, 24	6A8 12AB 6L7 6A7 12SA7 2A7 1A6	6K7, 12SK7, 6D6, 78, 58, 24	6H6, 6Q7, 12SQ7, 6R7, 6J7, 6C6, 55, 75, 85

The chart above, adapted from *Mechanix Illustrated*, October, 1942, is a handy reference for quickly trouble-shooting your problem. Be sure to follow approved safety procedures. Work inside the chassis with one hand. Short all filter caps across a 100-ohm resistor. If tests are to be done under power, be sure to use an isolation transformer.

Oh yes, check your fuse first!

Last month I mentioned making coils for our regenerative receiver -- however, I forgot to mention that the coils should be wound on a 1-5/8" paper towel/bathroom tissue cardboard roll. This detail should complete your construction plans. 73's de Bill.

CATEGORY	1st Audio Stage	Power Supply	Output (Power) Stage	Speaker
SYMPTOMS	Plate load resistor open	Shorted electrolytic condenser in power supply	Primary of output transformer open	Open voice coil
INOPERATIVE	Open audio coupling condenser	Power supply filter choke open	Open cathode bias resistor	Secondary of output transformer open
	Shorted plate bypass condenser	Open voltage divider in power supply	Shorted audio coupling condenser	Voice coil leads open
INTERMITTENT FADING	Open cathode resistor	Shorted or open secondary	Secondary of output transformer shorted or open	Voice coil leads shorted to pole piece
	Defective audio transformer primary	Shorted or leaky filter condenser	Defective primary on output transformer	Voice coil lugs making poor contact
OSCILLATION OR NOISY	Open volume control	Loose contacts on voltage divider	Open cathode bias resistor	Metal filings grounding voice / secondary of output transformer
	Leaky grid or plate coupling condenser	Defective line switch	Shorting audio coupling condenser	opening
DISTORTION OR HUM	Defective plate load resistor	Filter choke shorting to ground	Open secondary on input transformer	Field coil connections making poor contact
	Shorted cathode bypass condenser	Open filter condenser	Open cathode bypass condenser	Metal filings grounded voice coil
TYPICAL TUBES	Plate decoupling resistor shorted	Defective voltage divider	Defective cathode resistor	Warped cone
	Open plate bypass condenser	Filter choke leaking to ground	Leaky audio coupling condenser	Voice coil rubbing on pole piece
TYPICAL TUBES	Primary of coupling transformer opening	Leaky bypass condenser from rectifier tube to ground	High resistance from primary to secondary	Voice coil winding loose
	Shorted grid or plate coupling condenser	Open or shorting primary bypass condenser	Shorted cathode bypass condenser	Field coil open or shorting
TYPICAL TUBES	Cathode bypass condenser shorted	Centertap on filament windings open	Screen grid circuit open	Hum bucking coil shorted or reversed
	Audio transformer open or shorting	Open or leaky output filter condenser	Shorted turns on output transformer	Voice coil rubbing on pole piece
TYPICAL TUBES	High resistance from primary to secondary of audio xformer	Grounded pilot light bracket	IF pushpull tubes may be unbalanced	Unfiltered field supply
	6C5, 6F5, 6J5, 12J5, 76, 56, 37, 27	5Z4, 5W4, 5Z3, 80, 83, 25Z5, 25Z6, 35Z5	6P6, 6K6, 6L6, 41, 42, 43, 45, 2A5, 38, 35L6, 50L6	

# TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



NEW...from ICOM America! Another well-known company enters the market for short wave listening, and with a receiver that is no toy! But, at \$750, it does appear to offer many of the same features, and more, that other manufacturers have at even twice the price.

We have not had the opportunity to examine this new receiver for any real-time evaluation. All we have to go on are the manufacturers specification sheet, photographs, and the detailed technical manual complete with function descriptions and block diagrams. With these in hand, we will attempt to preview the ICOM R-70 communications receiver, and even offer opinions as to how this receiver, and its functions, might stack up.

## SPECIFICATIONS

Coverage: 100 KHz to 30 MHz in 1 MHz steps.  
Readout: Six digit! This is for 100 Hz steps, i.e. 15084.2 KHz  
Power: 100 to 235 VAC in 5 settings. (DC capability optional)  
Weight: 10.3 lbs  
Size: 11.5 x 4.5 x 11.0 (WxHxD) approximately  
Modes: AM, USB, LSB, CW  
Select: AM: 6 KHz @ 6dB and 18 KHz @ 60dB (Not good, but changeable)  
SSE: 2.3 KHz @ 6dB and 4.2 KHz @ 60dB  
CW: .5 KHz @ 6dB and 1.5 KHz @ 60dB  
Sensit: AM: Less than  $\frac{1}{2}$  uV on low frequency for 10dB S+N/W  
Audio: 2 Watts into 8 Ohms.  
Rejection: 60dB Spurious Response



## POINT-BY-POINT OBSERVATIONS

DUAL VFOs. This is really like two receivers in one. Two separate variable frequency oscillators with memories enables the user to twiddle around on one while keep another station in observation on the other.

FAST, MEDIUM, SLOW TUNING RATES. Three buttons control how fast the digits change on the display. For every rotation of the tuning knob, you can choose three different speeds.

DC POWER OPTION: Like the Kenwood, R-1000, it doesn't come with DC, but the option to install it yourself, or by competent technician, is easy.

CMOS CHIPS USED. Avoid unexperienced meddling inside your set! Static charge can easily zap CMOS chips, even just harmless touches. Do not measure anything with an ohmmeter (it conveys voltages of its own)! (Continued)

NOISE BLANKER. Hey! A real noise-blanker. Not just a limiter circuit. Auto ignition reduced as well as other pulse-type noises. AND, there is even a switch to increase the blanker's width, that is when pulse noises duration is longer than usual...useful for just about any other type of noises, too.

AGC RESPONSE TIMES. OFF/FAST/SLOW. Allows rapidly fading and cycling signals to be controlled nearly steady at an even Gain for comfortable listening.

RF AMPLIFIER/ATTENUATOR. Use normal reception modes for all general purposes. But, when weak signals need a boost, switch in the PREAMP for an extra 10dB gain. BBC or Holland too loud? Getting some distortion from minor overload? Switch in the attenuator to drop off 20 dB of that bothersome strong signal.

VFO EQUALIZER SWITCH. Remember you had TWO receivers in one? Suppose, you are twiddling around and find something you want to monitor a little later. Go to the other VFO and continue twiddling. The first VFO will sit on your special catch until you are ready to go back. Suddenly you find something more important than the first. Push a button and you immediately make the first VFO assume whatever you are now tuning on the second..for safe keeping.

DIALIGHT DIMMER. A self-explanatory and useful control for night-time DXing.

BAND SELECT BUTTON. Two different modes here...HAM and GENERAL. In the HAM mode, whenever you push the button, the receiver and display jumps to the next adjacent ham band, up or down, whichever way you want to go. In GENERAL mode, the jump is to the next MHz, again up or down.

NOTCH FILTER. A 30 dB valley which can be tuned across the passband to notch out annoying heterodyne squeals.

REAL PASS BAND TUNING. Here is a rare bird not found in less expensive sets. This item is a window, 6.0 KHz in width, which can be moved up or down away from the carrier to narrow the upper or lower side band response. It has the effect of improving selectivity, rejecting interference from up or down band, and audio tone. Needs study to understand how it works. A real tool!

RECORDER OUTPUT JACK. A 3.5 mm (1/8") outlet to let you record your DX. Works independently from the volume control..

RF GAIN CONTROL/METER GRAPHICS. Signals too strong. Turn down the RF gain. As you reduce gain, the S-meter needle rises higher, indicating that a signal of such-and-such strength must be received to be heard.

SQUELCH CONTROL! FOR CRYIN' OUT LOUD! What a useful device. Noisy and hash background is uncomfortable. Adjust the squelch until receiver goes mute. Only actual signals of a certain level will pop through to be heard with original clarity. Just like a CB set.

MEMORY PROTECTION. Like any computer memory, these CPU devices lose their minds when the power is cut off. Want to keep the memory intact? A special switch on the rear panel keeps them alive, but also uses power, too.

TWO ANTENNA INPUTS. One AM/LF antenna input for high impedance. Another one for 50 ohm nominal input. With both antennas hooked up, receiver will automatically switch from SW antenna to BCB antenna when you enter the appropriate frequency range..

UHF/VHF CONVERTABILITY. Special terminal on the back allows U/V nuts to DX those ranges. I didn't dwell on the technique, so it's up to you. Sorry.

ONE TUNING QUIRK!! They were honest about this, so don't complain. It's a minor point anyway. On general coverage, the extreme low ends and high ends of the bands have a quirk that sudden changes the major MHz to one higher or lower. The critical business measurement of KHz is unaffected. For instance, on 19 meters at WWV on 15.000, the readout would really read 16.000. As you tune up to 16001.5, the digital readout would suddenly jump back to 15001.5 as it should be.

I.F. SELECTIVITY FILTER. 6 KHz/18 KHz is too wide for me. Useless. I expect wiring the switch to use the SSB filter is the easiest way to alter. The pictures indicate that the AM filter is smaller than the SSB, but still probably MuRata product.

Compiled by Roger Legge, Box 232, McLean, VA 22101

## TO EASTERN &amp; CENTRAL NORTH AMERICA

MORNING

<u>EST</u>	<u>GMT</u>	<u>Station</u>	<u>Frequencies (kHz)</u>
5:00-7:00am	1000-1200	Moscow, USSR	11840h, 15135
6:00-7:50am	1100-1250	Fyongyang, No. Korea	9745, 9977
6:00-8:00am	1100-1300	Melbourne, Australia	9580
6:00-8:30am	1100-1330	London, England	9510c, 11775w, 15070
6:15-8:00am	1115-1300	TWR, Bonaire, BWI	11815
7:00-7:30am	1200-1230	Helsinki, Finland	15400, 21475
		Jerusalem, Israel	15585, 17630, 21495, 21625
7:00-7:55am	1200-1255	Peking, China	9820
7:00-10:00am	1200-1500	Moscow, USSR	11840h, 15135, 15150 (from 1230), 17810
7:00-10:30am	1200-1530	HJTB, Quito, Ecuador	11740 (to 1430), 15115, 17890
7:30-7:45am	1230-1245	Athens, Greece	11045, 15050, 17560
7:30-8:00am	1230-1300	Vienna, Austria	21615

AFTERNOON

12n-12:30pm Su	1700-1730 Su	Oslo, Norway	15175, 25615
12n-5:00pm	1700-2200	Moscow, USSR	7440, 9685 (from 1E), 11840h, 11860, 12010
3:00-3:30pm	2000-2030	Jerusalem, Israel	9437, 9815, 11637, 13745
4:30-5:00pm	2130-2200	Sofia, Bulgaria	7115, 9665

EVENING

5:00-6:00pm	2200-2300	Ankara, Turkey	9560
		London, England	5975, 6175w, 15260a
		Moscow, USSR	7115, 7165, 7440
		Jerusalem, Israel	5815, 11655, 13745, 15585
5:30-6:00pm	2230-2300	Sofia, Bulgaria	9700, 11720
5:30-6:50pm	2230-2350	Tripoli, Libya	11815
6:00-6:30pm	2300-2330	Stockholm, Sweden	9695, 11705
		Vilnius, Lith. SSR	3685, 9750
6:30-7:30pm	2300-0030	London, England	5975, 6120c, 6175w, 7325, 9530c, 15260a
6:00-8:00pm	2300-0100	Montreal, Canada	5960, 11850
6:00-8:30pm	2300-0130	Moscow, USSR	7115, 7150, 7165, 7195, 7215, 7440, 9610, 9765, 9800, 6115h (from 0000)
6:45-7:45pm	2345-0045	Tokyo, Japan	15300, 17825
7:00-7:30pm	0000-0030	Jerusalem, Israel	7410, 5815, 11655
		Tirana, Albania	7055, 9750
7:00-7:30pm Su	0000-0030 Mo	Oslo, Norway	9610, 11870
7:00-8:00pm	0000-0100	Peking, China	11650, 15120, 15520
		Sofia, Bulgaria	9700, 11720
7:00-8:00pm	0000-0200	Madrid, Spain	9630, 11280
7:15-8:00pm	0015-0100	Berlin, DDR	9730, 11975

ENGLISH TO EASTERN & CENTRAL NORTH AMERICA

Nov. 82-Feb. 83 (2)

EST	GMT		
7:30-8:00pm	0030-0100	Kiev, Ukr.SSR	7205, 9685, 9750
7:30-8:15pm	0030-0115	Brussels, Belgium	9870
7:30-9:30pm	0030-0230	HJJB, Quito, Ecuador	9745, 15155, 17885
7:30-10:30pm	0030-0330	London, England	5975, 6120c, 6175w, 7325, 15250a (to 0230)
8:00-8:15pm	0100-0115	Vatican City	6015, 9605, 11845
8:00-8:20pm	0100-0120	Rome, Italy	9575, 11800
8:00-8:30pm	0100-0130	Jerusalem, Israel	7410, 9815, 11655
		Montreal, Canada	5960, 11850
8:00-8:30pm Su	0100-0130 Mo	Oslø, Norway	7240, 11870
8:00-8:45pm	0100-0145	Berlin, Germany	9730, 11975
8:00-8:50pm	0100-0150	Cologne, Germany	6040w, 6085, 6145, 9545w, 9565, 9640
8:00-9:00pm	0100-0200	Prague, Czechoslovakia	5930, 7345, 9540, 9740, 11990
8:00-10:00pm	0100-0300	Peking, China	11650, 15120, 15520 (01-02)
8:00-11:50pm	0100-0450	Havana, Cuba	11930, 15300
8:30-8:45pm	0130-0145	Athens, Greece	9865, 12045, 15050
8:30-9:00pm	0130-0200	Tirana, Albania	7120, 9750
		Vienna, Austria	5945, 9770
8:30-11:00pm	0130-0400	Moscow, USSR	6115h, 7115, 7135, 7150, 7165 (to 03), 7195, 7215 (to 03), 7440, 9700, 9765, 9800
8:45-9:15pm	0145-0215	Berne, Switzerland	6135, 9725, 11715, 15305
9:00-9:30pm	0200-0230	Budapest, Hungary (not Su.)	9585, 9835, 11910, 15220
		Jerusalem, Israel	7410, 9815, 11655
		Montreal, Canada	5960, 11845
		Warsaw, Poland	6095, 7145, 9525, 9740, 11990
9:00-9:50pm	0200-0250	Johannesburg, So. Africa	9615, 11730, 15325
9:00-10:00pm	0200-0300	Brasilia, Brazil	15290, 17830
		Bucharest, Romania	5990, 9510, 9570
9:00-10:30pm	0200-0330	Cairo, Egypt	9475, 12000
9:30-10:00pm	0230-0300	Stockholm, Sweden	9695, 11705
		Tirana, Albania	7120, 9750
9:30-10:15pm	0230-0315	Berlin, DDR	9730, 11975
9:30-10:25pm	0230-0325	Hilversum, Holland	6165b, 9590b
9:30pm-12Midt	0230-0500	HCJB, Quito, Ecuador	9745, 15155
10:00-10:30pm	0300-0330	Budapest, Hungary	9585, 9835, 11910, 15220
		Kiev, Ukr.SSR	7165, 7205, 9750
		Lisbon, Portugal	6025, 11925
		Montreal, Canada	5960, 9535, 9755, 11845, 11940
		Warsaw, Poland	6095, 7145, 9525, 11815
10:00-11:00pm	0300-0400	Prague, Czechoslovakia	5930, 7345, 9540, 9740, 11990
10:30-10:45pm	0330-0345	Athens, Greece	9865, 12045, 15050
10:30-11:00pm	0330-0400	Dubai, UAE	11755, 15300
		Tirana, Albania	6200, 7300
		Vienna, Austria	5945, 9770
10:30-11:30pm	0330-0430	London, England	5975, 6120c, 6175w
10:30pm-1:00am	0330-0600	Havana, Cuba	11760

EST	GMT		
11:00-11:30pm	0400-0430	Bucharest, Romania	5990, 9510, 9570, 11940
		Montreal, Canada	5960, 9535, 9755
11:00pm-12mid	0400-0500	Sofia, Bulgaria	7115
11:00pm-1:00am	0400-0600	Moscow, USSR	7135, 7150, 9750, 9800, 6115h (to 05)
1200-12:15am	0500-0515	Jerusalem, Israel	9420, 9815, 11610, 11637

## ENGLISH LANGUAGE BROADCASTS TO WESTERN NORTH AMERICA

Morning

PST	GMT		
5:30-6:30am	1330-1430	Seoul, So. Korea	9750
5:30-6:15am	1330-1615	London, England	11750a, 15070
6:00-6:30am	1400-1430	Helsinki, Finland	15400
6:00-10:00am	1400-1800	Moscow, USSR (via Khab.)	5900, 7150, 7175, 7290, 9795
7:00-7:30am	1500-1530	Helsinki, Finland	15400, 21475
7:00-7:45am	1500-1545	Tokyo, Japan	9505
7:30-7:45am	1530-1545	Athens, Greece	11645, 15050, 17560
8:00-9:00am	1600-1700	Seoul, So. Korea	11830
9:00-9:30am	1700-1730	Tokyo, Japan	9505
10:00am-12N	1800-2000	Moscow, USSR (via Khab.)	7175, 7290, 9560 (from 1830, 9795 (to 19)
11:00-11:45am	1900-1945	Tokyo, Japan	17755

Afternoon

12a-2:00pm	2000-2200	Moscow, USSR (via Khab.)	9580 (to 21), 12030, 15455
1:00-1:30pm	2100-2130	Tokyo, Japan	17755
1:40-2:40pm	1240-2240	Taipei, Taiwan	11825, 15345, 17800
2:00-5:00pm	2200-0100	Moscow, USSR (via Khab.)	12050, 15140, 15455, 17720, 21565
3:00-3:30pm	2300-2330	Vilnius, Lith. SSR (via Khab.)	15100, 15240, 17870
3:00-3:45pm	2300-2345	Tokyo, Japan	17755
3:00-4:30pm	2300-0030	London, England	6120c, 6175w, 9590c, 15260a
4:00-6:00pm	0000-0200	Madrid, Spain	9630, 11820
4:30-5:00pm	0030-0100	Kiev, Ukr. SSR (via Khab.)	15100, 15240, 17870

Evening

4:30-6:30pm	0030-0230	HJTB, Quito, Ecuador	9745, 15155, 17885
4:30-7:30pm	0030-0330	London, England	5975, 6120c, 6175w, 7325, 15260a (to 0230)
5:00-5:15pm	0100-0115	Vatican City	6015, 9605, 11845
5:00-5:20pm	0100-0120	Rome, Italy	9575, 11800
5:00-5:30pm	0100-0130	Jerusalem, Israel	7410, 9815, 11655
		Montreal, Canada	5960, 11850
		Tokyo, Japan	17755
5:00-5:30pm Su	0100-0130 Ho	Oslo, Norway	7240, 11870
5:00-5:50pm	0100-0150	Cologne, Germany	6040w, 6085, 6145, 9545w, 9565, 9640
5:00-6:00pm	0100-0200	Taipei, Taiwan	11825, 15345
5:00-7:00pm	0100-0300	Peking, China	11650, 15120, 15520 (01-02)
5:00-8:00pm	0100-0400	Moscow, USSR (via Khab.)	12050, 15140, 15455, 17720, 21565
5:30-6:30pm	0130-0230	Tokyo, Japan	15195, 17825, 21610, 21640

## ENGLISH TO WESTERN NORTH AMERICA

Nov. 82 - Feb. 83

(4)

FST	GMT			
6:00-6:30pm	0200-0230	Budapest, Hungary (not Su.)	9585, 9835, 11910, 15220	
		Jerusalem, Israel	7410, 9815, 11655	
		Montreal, Canada	5960, 11845	
6:00-6:30pm Su	0200-0230 Mo	Oslo, Norway	7240, 11850	
6:00-6:50pm	0200-0250	Johannesburg, So. Africa	9615, 11730, 15325	
6:00-7:00pm	0200-0300	Brazilia, Brazil	15290, 17830	
		Seoul, So. Korea	11810	
6:00-7:30pm	0200-0330	Cairo, Egypt	9475, 12000	
6:00-8:00pm	0200-0400	Melbourne, Australia	17795, 21740	
6:30-7:00pm	0230-0300	Stockholm, Sweden	9695, 11705	
6:30-11:00pm	0230-0700	EDJB, Quito, Ecuador	9745, 15155 (to 05), 6095/11915(05-07)	
7:00-7:30pm	0300-0330	Budapest, Hungary	9585, 9835, 11910, 15220	
		Kiev, Ukr. SSR (via Khab.)	15100, 15250, 17870	
		Lisbon, Portugal	6025, 11925	
		Montreal, Canada	5960, 9535, 9755, 11845, 11940	
		Tokyo, Japan	17755	
7:00-7:50pm	0300-0350	Taipei, Taiwan	11825, 15345, 17800	
7:00-8:00pm	0300-0400	Prague, Czechoslovakia	5930, 7345, 9540, 9740, 11990	
		Taipei, Taiwan	5985 (via WYFA)	
7:30-7:45pm	0330-0345	Athens, Greece	9865, 12045, 15050	
7:30-8:00pm	0330-0400	Dubai, UAE	11755, 15300	
		Tirana, Albania	6200, 7300	
7:30-8:15pm	0330-0415	Berlin, DDR	9560, 11840, 11890	
7:30-8:30pm	0330-0430	London, England	5975, 6120c, 6175w	
7:30-10:00pm	0330-0600	Havana, Cuba	11760	
7:55-8:00pm	0355-0400	Yerevan, Arm. SSR (via Khab.)	15100, 15240, 17870	
8:00-8:30pm	0400-0430	Bucharest, Romania	5990, 9510, 9570, 11940	
		Montreal, Canada	5960, 9535, 9755	
8:00-8:30pm Su	0400-0430 Mo	Oslo, Norway	6185, 9530	
8:00-9:00pm	0400-0500	Sofia, Bulgaria	7115	
		Moscow, USSR (via Khab.)	9580, 12050, 15140, 15240, 15455	
8:00-10:30pm	0400-0630	TWR, Bonaire, NWI	9755	
8:30-9:00pm	0430-0500	Berne, Switzerland	5725, 11715	
		Vienna, Austria	5945	
8:30-11:30pm	0430-0730	London, England	6175w, 9510w	
9:00-9:15pm	0500-0515	Jerusalem, Israel	9420, 9815, 11610, 11637	
9:00-9:50pm	0500-0550	Cologne, Germany	5960, 6185, 9690	
9:00pm-12mid	0500-0800	Moscow, USSR (via Zhab.)	7175, 7260, 9505, 9580, 9735, 9795, 15240(to 07)	
9:30-10:00pm	0530-0500	Lisbon, Portugal	6100, 9575	
9:30-10:30pm	0530-0630	Hilversum, Holland	61650, 9715b	
		Madrid, Spain	9630, 11880	
		Seoul, Korea	11810	
10:30-11:15pm	0630-0715	Berlin, DDR	6080, 11840, 11890	
10:30pm-12mid	0630-0800	Havana, Cuba	6020	
11:00-11:15pm	0700-0715	Tokyo, Japan	15325	
1:00-1:30am	0900-0930	Tokyo, Japan	9505	

Relay stations: a - Ascension, b - Bonaire, NWI, c - Canada (Sackville), h - Havana, s - Singapore, w - West Indies (Antigua/Motserrat)



DECEMBER 1982

# Listeners Notebook

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FROM THE EDITOR: Ever since I began editing Listeners Notebook, I have tried to make it the most comprehensive single source of SWBC information. This natural growth has led to recurring problems in accommodating the amount of material I believe is worthy of publication in FRENEX. A considerable portion of this material has not been contributed directly to LN, but NASWA has benefitted from this editor's numerous other contacts and editorial 'hats'. From now on, only material which has been deliberately contributed to LN, or which has been obtained through NASWA exchanges or purchases (i.e. BBC Monitoring Service) will necessarily appear here, with the editor filling any remaining space at his discretion from his own sources. Thus it will be necessary for individuals sending in material for this column only to make clear this is the case by indicating on the material "FOR LN". (Not on the envelopes, which are discarded.) Other material arriving at Box 6287 will be utilized in publications such as Review of International Broadcasting. Several nasty complaints about my solution last month in moving LN overflow into RIB have convinced me that I am spending entirely too much of my valuable time in editing for NASWA. Therefore I am also experimenting this month with a disorganized LN. It takes many hours just to organize the material as in the past before I ever started typing. This should present no problem to those who read LN straight through as many have told me they do--just make a mark in the margin next to any item you wish to refer to again. Herewith the first LN with items grouped by source; this will also allow me in the future to type the material as it comes in rather than in one large intensive session each month :-

- (BBCMS WBI 21/10): R Farabundo Marti hrd 0100 8/10 & 9/10 on 7011-7045v; had not been traced since 16/7. R Venceremos FM xmsn on 97 MHz confirmed at 0230 8/10 // 6950 & 6830. 13/9 the 2 SW xmtrs hrd w/identical pgms but not simultaneous, 5 mins 23 secs apart. CAMBODIA VOKP ancd 18/10 that from 20/10, Armed Forces Pgm would be bc twice daily 1200-1230 & 2300-2400. First August Radio, 12120 unhrd 13/10, fq occupied instead by xmtr w/Moscow's Mayak svc. FAR (R Ba Yi) hrd subsequent days on 12120. V of Iraqi Kurdistan, in Kurdish & Arabic, obs 1600-1700 16/10 on 6366. V of Iraqi Revolution, in Kurdish & Arabic, obs on 7015 now. V of the Islamic Revolution in Iraq obs on 15270 5/10 but untraced on fq since; still hrd on 1555 kHz.
- (BBCMS WBI 28/10): BOLIVIA Newspaper 'Presencia' reported 7/10 that Transport & Comms Ministry hd granted permit to R El Espectador in Potosi to commence normal bcng, daily 0300-2400 local on both MW & SW, officially dedicated 10/11. No further details. CUBA RHC reported in 1600 SP bc 24/10 that 8/11 fq changes for that bc would put it on 17880 17760 17705 15300 9545. ECUADOR LV de los Andes, Quito at 1130 22/10 ancd in SP DS that the 1130 nx was being networked by R Pastaza in El Puyo, Pastaza prov; Ondas Ecuatorianas in Sucua; LV del Tomebamba in Cuenca; R Libertador in Sasquisilí [sic]; and Ecos de Montufar in San Gabriel, Carchi prov i.a. R Venceremos obs 1830-1930 on 6860 since 14/10; ancs sked as on 2 SW fqs Mon-Sat 1200, 1830, 0000, 0230. Suns, "as usual, & daily 0230 on 97.0 MHz FM to San Salvador and the central zone of the country". Obs since 21/10 indicate 6950 has moved to 6685, and no more delay in xmsn; as reported last week. Both 6685 & 6850 vary apx 20 kHz. NEPAL R Nepal obs 1530 23/10 on 9590 5005 792. THAILAND Bangkok newspaper 'Su Anakhot' in 17-23/10 ish cited BBC report that V of the People of Thailand, which closed down three yrs ago, would soon return w/bcs in EG, TI & hilltribe dialects. Said VOPT, the stn of the Thai Commie Party was in Kunming prov, s China for more than 17 yrs until closing 11/7/79, and announcing suspension would only be temporary. A morse code nx svc called "The News Agency of the VOPT" started four days after closure of VOPT, and Thai offl sources stated this is based in Pua district, Nan prov. Whilst Thai govt offls admit that CPT had made efforts to

resume VOPT service they cast doubt on the BBC report. Per offl reports, the nxpaper indicated, fq xmsn tests incl counting 1-10 were carried out in 1980, and in early 1981 the cland stn xmtd mx pgm thrice on trial, but tests were unsatisfactory. Latter 1981 report indicated CPT had set up a 1 kW stn at HQ 635, in Pua district, Nan prov. Trial bcs commenced 20/11 1600-1800 and 'once again during night.' As evidence of CPT's efforts to revive radio svc, paper drew attn to materials incl radio xmtrs and electricity generators, confiscated by Thai mily authorities in recent ops in Nan and Ching Rai provs, Mar 82. Similar material was confiscated earlier in Nakhon Thai district in Phitsanulok prov. Another source, the paper said, stated that CPT stn had run tests in Mar 82 0645-0700 in 31 & 49mb; sig strength comparatively low tho tests were deemed satisfactory. Resumption of these bcs'd be a significant achievement in improving the CPT's position but Thai govt was 'doing everything it can to block such an effort by the CPT'. ANGOLA V of Palestine pgm by PLO bc in R Nacional de Angola's B pgm ancs mailing addr as: The VOP, P O Box 421, Luanda, PR of Angola. IRAQ Amman nxpaper 'Ad-Dustur' in 24/10 ish said PLO radio stn'd start daily one-hour expl xmsns from Baghdad 1/11. Quoted director of Baghdad PLO office that this 'temporary' xmsn'd be hrd 1900-2000 Jordan time (1700-1800 GMT) and in next few eeks this 'main' stn of the Palestine Revolution'd xmit several hours daily; expected to increase xmsn time to at least 8hpd later. PLO stn'd bc in AR, EG, HB, and tho'd reach all Arab regions surrounding 'occupied Palestine', primary objective was to continue contact with the "kinfolk in the occupied home land". Nxpaper also said PLO'd build relay stns so xmsns'd be hrd in NAF, and some Eu, ME countries. UNITED ARAB EMIRATES Yugoslav agcy Tanjug reported 20/10 that a contract'd been signed in Abu Dhabi betw UAE Min of Info & Culture, and Swiss co Brown Boveri [sic] to expand Abu Dhabi incl radio svc. Project, costing 260 million [something missing from WBI copy]. BB'd supply two 'linked' megawatt MW xmtrs to cover Gulf, ME, India & Pak. SW stn'd have four 500 kW to bc worldwide, and'd be capable of reaching Ams, Eu, WAF, As. Stn'd be able to provide 10 fqs at the same time (sic) 24h. Incl in project, to be completed within 28 months, 5 xmsn & pgm produxion studios. Initially four diff langs'd be bc but consideration was being given to a plan involving pgming in 10 diff langs. V of the Sudanese Popular Revolution obs on 15450 11/9 and on 17940 12/9, continues on 17940 from apx 1400 to 1715. V of the Broad Masses of Eritrea (supports Popular Front for the Liberation of Eritrea) (hostile to govt of Ethiopia) (claims to bc from lib'd territory). 41 & 80mb ancd. 14315-14335 variable & 3725-3799 variable. Harmonic (observed) [I don't know what this means, as the 3 MHz range given is not harmonically related to the 14 MHz range given -gh]; sked: 0430-0500 Tigrigna, 0430-0500 Tigre, 0500-0530 Afar MWF, Amharic Su/Tu/Th, 0530-0600 AR=not Sat. 1430-1500 AR=not Sat, 1500-1530 Tigrigna, 1530-1600 Tigre, 1600-1630 Afar MWF/Amharic Su/Tu/Th. 1800-1830 Tigrigna, 1830-1900 Tigre, 1900-1930 Afar MWF/Amharic Su/Tu/Th, 1930-2000 AR=not Sat. First obs 11/8/80. Ancs in AR as "V of the Eritrean Masses" (Sawt al-Jamahir al-Iri-triyah)

(BECMS WBI 4/11): POLAND Polish TV rptd that 25/10 Security Services of the Civic Militia Voivodship HQ in Wroclaw 'liquidated' yet another illegal radio stn belong so-called R Solidarity, which had been on VHF at 2000. Xmtc & aerial found in residential bldg. COSTA RICA R Relej quoted Minister of Info as telling meeting of Inter-Am R BCers that ended in San Jose 25/10 that CR govt'd exercise its full right of sovereignty over radio being. Analysing problem faced by CR & developing countries due to radio 'penetration' from other countries, he said efforts must be made to achieve respect for the right of radio bc sovereignty. Communities distant from capital were justly demanding their right to have their own radio being infrastruxure 'to permit them to participate in the democratic dialogue that is the basis of our way of life'. CR economic progress made it advisable, per Minfo, to incr use of fqs & power so fq spectrum (particularly MW)'d be more rationally utilized. Rev regime in Nicaragua presented unprecedented challenge to CR in this field. Per UTU info, Nic planned to install 67 new MW stns by 31/12/85. If CR didn't rapidly develop its system within 3½ yrs, Nic'd have 105 MW stns w/total power 1074 kW, while CR 52 at 509 kW. [Big deal; Nicaragua is three times as large as Costa Rica! -gh]. EL SALVADOR R Cadena YSKL reported 1/11 that another cland stn 'R Reorientacion'd been hrd that morn in San Salvador, on fqs adjacent to those of other 'guerrilla[sic]' radio stns which supposedly bc from somewhere in Morazan Dept. New unauthorized stn made constant appeals to those involved in warlike actions, inviting'em to a dialog w/out weapons. Ancd nx at 1800 & 0030 daily. At 0230 2/11, R Venceremos, FMLN stn said the Sal regime had discontinued its 'desperate' mx bcs on top of RV sig; instead, had set up a stn w/anrcs that 'our people' had already identified. They knew who they were and where they lived. This 'fascist' stn was trying to deceive the people. Used pseudo-revolutionary lang in attempt to make FMLN appear divided. [A classic 'black cland', noted here on 6720 whilst RV on 6718, tnx to tip from Heather Hall, TX -gh]. AFGHANISTAN Since 14/11, R Afgh ES to Eu hrd on 7290 instead of 11960; // 15077 & 9665: 1730-1830 Pashto/Dari, 1830-1900 GM, 1900-1930 EG. The AR svc 1700-1725 now on 9575. To improve reception in the provinces, 7 kW xmtrs [MW or SW?] supplied by USSR had been set up in Pakhtia, Zabol, Nangarhar, Ghazni and Helmand provs; more on way. ANGOLA Recent survey of Polisario Front pgms, via R Nacional de Angola's B pgm, shows titled "Free Sahara, the voice of the fighting people of Sahara", FR 2130-2200 M/W/F on 9535 7245 1088. IRAQ/VOV-VOPR. Jord paper 'ar-Ra'y' reported dir of PLO Central R Stn said'd begin expl xmsns from Bagdad Mon 1/11. "Full" xmsns from beginning of next year, focusing attn on Pal people in 'occupied homeland'. Stn DIng as "VOVOPRVOPLO" began 'expl' xmsn 1600 1/11 on 1116 kHz, to 1653\* apx; opened w/same tune ("Biladi, biladi!") and opening anmt as the former Beirut-

based VOP stn which ceased being Aug 82. Before 1600, the 1116 kHz channel'd been relaying R Baghdad VOM svc // other sked fqs. R Baghdad bc its own "VOPVOPR" pgm as usual 1700-1800 1/11 on 1035 and made no mention of thenew xmsn. ISRAEL Kol Israel ancd sked for EG xmsns from 7/11: 0000-0030, 0100-0130, 0200-0230 on 11655 9815 7410. 0500-0515 21710 17685 15485 12025 11637 11610 9815 9420. 1200-1230 25640 21760 21625 21495 17685 17630 15605 15585 and 15485. 2000-2030 17685 15485 13745 11960 11637 9815 9420 9009. 2230-2300 17630 15585 13745 11960 11655 9815. Relay of DS net-B [in Hebrew]: 0400-0610 13725 11655 9890 9385. 0610-1200 25605 17630 17585 15615. 1200-1400 25605 15615 15105 13725. 1400-1630 15615 15105. 1630-1800 15615. 1800-2310 13725 11610 9890 9385. Ancd 31/10 that midday nxreal on net-B'd start at 1000 ex-1100, lasting 2 hrs. V of Peace, from ship off coast, and it'd cease bc 1900 31/10 to put into port of Haifa to get a fresh coat of paint and prepare for winter; hoped to be back on air 4/11. ETHIOPIA 30/10 anmt in R Freedom pgm (in EG via VORE 1930-2000 on 9595) said from 1/11 R Freedom'd also bc in Zulu & Sesotho. ZIMBABWE ZBC reported that MinfoP&T officially opened ZBC R Four 1/11; to focus on formal and non-formal education at all levels.

(BEGMS WBI 11/11) POLAND Polish TV reported 4/11 that a secret radio stn had been uncovered in Gdansk by Security svcs of Civic Militia Voivodship HQ. Contained several xmtrs of 'western production' and lots of other radio eq; xmtrs adapted to op on VHF. During this rx item, they played tape of s/on allegedly coming from the stn: "Good evening ladies & gentlemen --R Solidarity Gdansk speaking. As from today our bcs will come once a week, every Tuesday at 2200. Due to security considerations they will have to be unfortunately short". PR reported 9/11 that for several days it'd been ancd in leaflets there'd be a R Solidarity bc in Wroclaw 8/11; but Security svcs liquidated it before bc. USSR 7/11, R Moscow cov of parade in Red Square, commemorating 65 anniv of GOSR, consisted of live reportage in RS, StD CH & EG. RS on total of 73 SW channels 5900/21750 \*0650-0903 linking all DS & F<sup>th</sup>th pgm. EG on ELMS 0650-0815 on 37 SW channels; Std CH obs in UK only over similar period on 10 SW fqs. EL SALVADOR Per nxpaper 'Diario Latino' 3/11, new cland expressing views opposed to R Venceremos hrd in San Sal 1/11, QRMM RV. 6/11 RV itself carried statement issued by member of FMLN Genl Command 4/11 that the "poorly-named" R Reorientacion'd begun QRMM bcs of R Farabundo Marti & R Venceremos of FMLN. It was 'spreading its venom and misinfo as instrument of Sal govt's fascist psywar'. RV added that stn was using same fqs, sked and style as the rev stns. Per obs since 30/10, 0230 & 1200 xmsns on 6717-6720 of RV accompanied by xmsn by two unID ancs reading commentaries in SP related to popular libn forces and criticizing 'yahkee imperialism'. IRAQ/VOPVOPR Quoting spoxeman of Unified Central Palestinian Info Dept, Jord paper 'ar Ra'y'said 5/11 that all arrangements'd been made to inaugurate PLO Centri R in Baghdad early in 1983. Would xmit 10hpd, covering most of Arab homeland. Under authority and supervision of PLO Executive Committee. Would speak in name of PLO and adhere to natl unity w/in framework of PLO decisions and policies. ISRAEL VOPeace returned to air norm of 6/11. NIGERIA 6/11 & 7/11 VON xmtrs on 17800 & 15120 had AR 0830-090, EG 0900-1000 and SH pgm ancd for 1000. But being on these fqs returned to normal 8/11. 8/11 VON ancd xmsns on 7255'd be disrupted 8-10/11. Any inconvenience regretted. SOUTH YEMEN Radio of PDRY, Aden appears to have dropped V of the Oman Revolution pgm presented by PFLO. Was hostile to Omani govt, last bc 5/11. V of Free Africa recent survey of 4764 stn shows still ancs daily sked 1700-1800 & 0400-0500, but tend to last only 45 mins. The 0400 is repeat of previous evening, mainly in PT w/items in Moz verns, occly EG. VOPA ancs it is there "to launch the cry of revolt of the Moz people in their heroic struggle against communist oppression". NORWAY Besides the now 45-min long xmsns every hour exc 0800 & 0900, Atlantic Ocean wx bulletins in NW are at 0055-0100, 0255-0300 and 1455-1500 on 6015 only. The 5-min weekly SP nx on Mons 1040, 1340, 1440, 1640, 1740, 1940, 2040, 2340, Tues 0040, 0440, 0540; i.e. the same xmsns carrying EG on Suns/GMT Mons 40 mins earlier. PAKISTAN PBC ES from R Pakistan, Karachi (some fqs are subject to slight variation). 0045-0230 WS Urdu 21595 17840. 0100-0215 HD 9460 7010. 0100-0245 BG 17895 15420. 0230-0245 EG slow 21755 21595 17840. 0300-0345 SH 21485 17640. 0330-0415 Persian 17665 15515. 0345-0430 GJ 21485 17640. 0445-0700 WS UD 21475 17665 15565. 0515-0615 AR 21735 17660 15515. 0700-0745 Turki 15515 11670. 0715-1100 WS UD 21802 17665. 0900-0945 TM 15495 11675. 1000-1045 IN 21755 17640. 1100-1115 EG 21802 17665. 1100-1200 RM 21755 17640. 1215-1315 AR 21485 17660 15565. 1230-1445 BG 17660 15530. 1300-1600 WS UD 21485 17660 15565. 1600-1615 EG 21485 17660 15565 15530. 1600-1800 Dari 5095. 1630-1730 TK 17620 13605. 1645-1915 EG, UD, Sylheti 15545 11670. 1700-1745 Persian 9805 7315. 1800-1900 Islamabad pgm in UD 12015. 1915-2015 FR 15550 12015. There are also brief EG nx in other lang svcs at: 0340, 1005, 1040, 1650.

(Play-DX 25/10) UKOGBANI E Coast Commercial Radio on 11401 ex-11578, 16/10 0900-1000, F-G. New addr Box 319, Edenbridge, Kent TN8 6QE (W. Mola). PERU R Sateite, 6726, QSL says 100 watts, v/s Sabino Llamo Chavez, Gerente (DSWCI) SAO TOME & PRINCEPE 4807, requests 3 or 4 IRCs, otherwise can't reply due to inflation (DSWCI) PHILIPPINES R Veritas policies on reception reports: 1) QSL Cards. Only reports w/this info shall be verified: 1. correct date and time of reception. 2. correct fq. 3. correct pgm details, 25 mins minimum. 4. SINPO. 5. rx type. 6. pgm comments. 7. personal data like, complete name & addr, age, occupation, single or married, religion. II) Pennant: (supplementary to the QSL card). Every listener is entitled to one pennant every seasonal fq change provided: 1. Sends 5 or more reception reports with: correct fq, date & time, pgm details, SINPO. 2. Listens to pgms on 5 diff dates for 25 mins. 3. states pgm details, not just titles. 4. includes personal comments and/or suggestions regarding content of pgm hrd. 5. indicates type & name of rx & ant.

6. includes personal data [as above]. (Piay DX 2/11): GREECE Harmonic of unID Greek pirate on 4722.5, 15-17/10 0130-0340, F-G (L. Serena) R. Mauritius, 4855.9, 31/10 1559-1700; ID & EG nx 1600, F (Giuseppe Zella et al.) ANTARCTICA R Nacional LRA36, 15474 15-22/10 & 31/10 at 2205-0130\*. IDs in several langs, closes w/theme "El Silencio", P-G. NETHERLANDS Sunrise R., 11415 infosheet w/QLS says ops only on first Fri of each month at 2200-2300 and on first Sunday of month 1000-1100, both on 11415; QRA: P O Box 41, Dedemsvaart, 7700 AA. (Dario Monferini. (Play-DX 8/11): MAURITIUS MBC 4855.5, 31/10 & 3/11 1600-1650; YL nx in EG 1600, then in FR, F (Zella et al.) MADAGASCAR 5008.5 3/11 2040-2058\* in FR, QRM Garoua, s/off w/harp IS, F (Zella) GUATEMALA Skeds from Oswaldo Oscar Juarez, Alta Verapaz: TGW R Nacional 6180 & 9760 1800-2300. AWR Union Radio 6090 24h. LV de Natuala 3360 2100-0300. R Maya 3325 2100-0300 in verns, 0300-0400 SP. R Tezulutlan 4835 & 3370 in Kekchi 2100-0300. R Chortis 3380 2100-0300 SP.

(DSWCI Shortwave News, Oct): BRAZIL R Juazeiro, 3385, 0045 17/8 ID, local songs, ads, CW QRM, 21322 (Roger Pain, France). ARGENTINA R Dolores, 4830, 0328-0335 11/8, new stn! Lam mx & songs, ID 0330, 44333 (Dirk Desloovere, Belgium) BRAZIL R Evangelica, Corumba, 4835, 0152-0200\* 29/7, religious stn, choirs and Ave Maria, only night hrd (Roger Pain, France). Rdf Sao Luiz, 19024 at 1800 25/7, 4 x 4756 (Vashek Korinek, South Africa) CONGO RTVC on 18344, 8/8 1130-1135 talks in vern, 3 x 6114.7 (Korinek, RSA) [We hear mostly LV del Llano here -gh] CHINA Urumqi 6100 is hrd here on 6099.9, apparently for Russian ES as is 4500, sked 1030-1730. FRENCH GUIANA FR3 on 5055 hrd w/closing sequence & full ID in FR, La Marseilaise until 0109\* (Gordon M Darling, UK) MALI Latest sked from R Mali is: 4783 & 4835 (both 18 kW) and 5995 50 kW all morn & eve. 7285 & 9635 (both 18 kW) and 50 kW on 7110 & 11960 in daytime. W. 0600-0800 & 1300-2400. Sun 0700-2400, Fri 0600-2400. Langs are FR, EG, AR, verns, mainly Bambara, aka Manding (Jean Yves Camus, France) BELGIUM R Delmare, 6203.5, on almost every Sunday; sigs now greatly improved; addr Postbus 36, B-2050 Antwerpen.

R. Abdala has not been around lately, but Agrupacion Abdala still exists, per correspondent Edgar Garrastazu at Abdala's addr, P O Box 341005, Coral Gables FL 33134 (Vashek Korinek, RSA) A Voz de Africa Livre, 4762, now closely associated w/anti-Machel 'Mozambique Natl Resistance' mvmt, which was not 100% invented by South Africa, is apparently in northern Transvaal (Sechaba, via Jean-Yves Camus). And there is some reason to believe that the 4950 xmtr A Voz da Verdade etc, sniping at Angolan govt, is near but not inside the southern Angolan border (John Campbell)

(New Zealand DX Times, Oct): BRAZIL R Gazeta has pgm in JP for Japanese Brazilians in Sao Paulo, 0800 on 5955, titled "Japan, music and news", incl market prices of ag products, mx of Japan & Bzl, forn exch rates of yen, wx (NHK DX 12/9) ITALY R Milano Intl, 6221, 16-17/9 0525 poor in IT, mainly mx, f/out around 0600. World Mx Radio, 6221, 19/9 0519 poor, pop mx, Elton John, Abba; in EG w/Amsterdam addr (John Durham, Hamilton) VANUATU Mr I J Irving, Senior Technical Officer, reveals QSL policy of R Vanuatu: incorrect reports are not answered; stn has no budget for QSLing and reports are of absolutely no use; answered only as a courtesy since Irving was once DXer, but doesn't have time for it now. One report [I assume he means QSL] regardless of number of reports submitted. Even so, answers 600-800 reports a year, takes 10 mins each to process. One NZ DXer sent 17 reports in one envelope wanting 17 separate QSLs! (via Dene Lynneberg) Southern Hemisphere DST: AUSTRALIA NSW [ & presumably Victoria] GMT+11 31/10-5/3. South Australia +Broken Hill NSW GMT+10½ same dates. Tasmania GMT+11 for a longer period, 31/10-26/3. CHILE GMT-3 10/10-12/3. COOK ISLANDS GMT-9½ 31/10-5/3. NEW ZEALAND GMT+13 31/10-5/3. PARAGUAY GMT-3 1/10-31/3. Note COOK ISLANDS is advanced only 30 minutes compared to usual time (Bryan Clark)

(DX Post, Southern Cross DX Club, Nov): TAIWAN WYFR via WOPC EG 1302-1602, one hour earlier on new 15135; QRM from Peking so strong possibility of further change. Chinese 1200-1500 on 9760 (R Japan DX Corner 25/10)

(Radio Nuevo Mundo, 7/11) PERU R Nacional, 6095½, Lima \*1100-1200 F-P early Oct. NA, open annts, nx w/huayno, recently inactive again (Toshihiko Oka, Mie, Japan) LV de Sandino, 6204.5, +1130-1145\*, F 11/6, not hrd next day, info from Sakai (Nobuyoshi Aoi, Koganei). MEXICO LV America Latina, 15160½, "24 horas de XEW" [pgm] on 29 stations (Tomoaki Hirata, Akita) LV de Sandino, 6228, 1140\* w/political exhortations, many IDs, also hrd around 0800/0900 w/SP numbers lists! (Geoff Cosier, Australia) ARGENTINA R Malargue, 6160½, first logging in NA! 24/9 1020-1047, just tuning around when GMT-3 TGs abruptly caught my attn! Several clear IDs hrd, and into nx show 1030 (Ralph W Perry, Eules TX) [How can you possibly make such a claim? Someone else may well have heard it before and not bothered to tell you -gh] PERU R Andina de Huancayo, 4996, well hrd 26/10 0900-0945+ w/Amanecer Campesino pgm; anmt at 0944 made me wonder if R Andina heads a new network, as they said their sig was also hrd via several other stns which they named (Perry)

(Union of Asian DXers, Sept) BANGLADESH Dacca ES in EG 1230-1300 seems only on 15285, vry difficult due to adjacent jammers. Definitely not on 17462 as reported in WDXC, appears to be typo. Nepali svcs on 9618, Urdu 1400 on 15522 //1942 (Victor Goonetilleke) BHUTAN On a DXpedition to Hikkaduwa, popular beach resort on west coast [ Sri Lanka ], logged Thimpu on 4608 +1320-1400\* Wed 8/9, vry weak (Goonetilleke) Tried 4608 1330-1400 w/out success: SSB ute on 4600 drowning out everything (Sarith Amukotwa, Zambia) CHINA Urumchi reactivated 7385 for CH svcs, sked now 2230-0220 on 4500 6120 7385. Sun extended to 0320. At 0330-0730, 9560 instead of 4500; 1030-1700 6100 instead of 6120. Uighur reactivated 7050 0230-0320; 1030-17 30 5800 4735 7050. 0330-0730 9595 instead of 4735; 5800 & 7050. Mongolian svcs 0000-0230,

0530-0700, 1200-1700 on 4220 5060; Kazakh 0000-0230, 0530-0700, 1200-1700 on 4970 5440. In all probability Chinese & Uighur svcs are continuous. Suns \*0730 w/out 0320 break (Sarath Weerakoon) INDIA Tho reported direct and requested reply from Aizawl, QSL for new AIR stn on 5050 came from Delhi, v/s O. P. Khushu, Director Eng., (Freq Assign) (Goonetilleke) Voice of the People of Burma active again on 7570 0030-0240 & 1200-1410. Closes down w/Burmese Communist Party version of Internationale; eve xmsn is repeated in the morn. S/on w/characteristic clock chimney type IS, then clear ID, short piece of martial mx before beginning verbal assault condemning the ideology of Burmese way to socialism. However, half an hour before formal opening of xmsn, xmtr tested w/brief mx interludes lasting abt 3 mins, repeated abt thrice. Also hrd odd noise during xmsn, uncertain if jamming or xmtr problems (Sarath Weerakoon) W/out doubt is jammed. S/on formalities are clear but a few secs before 1200 you hear jammer tuning to zerobeat VOPB. Somedays kept a few Hz off, creating bad het in addn to own sound, not conventional diesel engine but more utte fax type noise. Quite effective; jammer carrier is stronger and when on OC, tends to suppress VOPB giving a low mod effect (Goonetilleke) V of the People of Malaysia [sic] varies 7050-7065, \*1130-1330, \*1430-1530\*, also around 2300. V of the Malayan Democracy 6670 \*1215-1300 in Malay, 1300-1330 in Chinese; // 5600 is back on air after absence for 2 weeks in Sept (Weerakoon 25/9) BOLIVIA R Ilimani, La Paz, had EG pgm 26/8 0010, GM 28/8 0110 on 4945 6025 (Emilio Pedro Povrzenic, Argentina, LADXR) MADAGASCAR 1710 26/9, 3288 xmtr is on 3286.6, not carrying ANC EG pgm. I can't hear 3359 while 3286.6 is very clear (Goonetilleke)

(Ernie Behr, Kenora Ont, 10/11) ANTARCTICA LRA36 R Nacional, 15473.8, now audible \*2157 w/ SP EG FR IDs, but s/off is unpredictable, as early as 0025\*; 22/10 had spl pgm for hams 0055-0112\*, aneng QTH as "peninsula Antartica de Tierra de San Martin" (so they've even re-named Graham Land!) WRTH address is wrong, letters should not be sent to Buenos Aires; correct addr is: Base Antartica Esperanza, Terr. Antartico Argentino,Codigo Postal 9411 (that's not a box number.) CAPE VERDE Stn on 7154 21/10 F sig 0830-0900 f/out. It mx, PT anmts; has anyone determined if this is Voz de Sao Vicente or Emisora Oficial? [the former has issued QSL cards for 7155 w/out specifying fq -gh]. CHILE Emisora Patagonia Chilena, 6080, hrd from 0120 w/Lam songs, ID & short IS to 0203\*, on Sun eve 31/10. DOMINICAN REPUB-LIC Tho others have reported R Santiago on 6120, I hrd only R Comercial IDs at 0900 in Oct; both stns have also been reported on 6048. Also watch for R San Cristobal on 6160 (Oct LN-15) and projected R Rancherita (Apr LN-24). FRANCE (Cf July & Aug LN) Checked my old tape of the FR3 pgm on 11880 for Antarctica, from 0800 Mon only; opens w/FR anmt by woman: "Auditeurs de la Terre Adelle, bonsoir" & ID for "Societe Nationale de Programmes FR3" INDIA Strongest sig ever hrd from AIR is new 11940 at 1615-1715\* in Russian, probably beamed over North Pole at central Canada, // 9615 also good, 28/10. OMAN AR stn on 9735, hrd daily since 22/10 until 1505\*v, after AR nx; best at 1315-1330 when Moscow is off; strongest AR stn on the band, must be new hi-power xmtr; at 1450 had mily parade complete w/bagpipes! Does time agree w/R Oman sked? PERU (Cf Oct LN-22) There is a simple explanation for the R Satelite & R Catolica IDs on 6725: both words sound very similar & are easily confused; same thing happened in 1974-5, when the Honduran on 4820 was reported as both R Satelite & Catolica. Peruvian departments are divided into provinces & ancd by some stns such as R Los Andes [But the Catolica IDs were reported by people who knew it was supposed to be Satelite, and who therefore should not be easily confused; the vowels are different, especially the stressed one -gh] unID Hrd unusual stn on 9731.5 since 20/10 at 1315-1353\*v, 22/10 to 1357\*; had mixture of pop mx, hymns, piano & Af-type songs, too weak to ID, but definitely a domestic svcs; gone since 27/10; also reported by Sams, Nov LN-19. CLANDESTINE LV de Sandino hrd on 6230 until 0447\* 7/11, strong & unjammed; seems Marxist opn in favor of Sandinista regime, perhaps to counter R Quince. R Venceremos noted on 7100.5 w/talk & IDs to 0125\* 26/10, the new fq of R Quince, which I never hrd there; 29/10 RV was on 6998.5 to 0125\*, also aneng 97-FM. R Farabundo Marti, 0130-0155\* 25/10 started on 7000 & jumped 20 kHz every few secs, as high as 7055; their listeners, if they have any, would have a hard time tracking this.

(John Wilkins, Wheat Ridge CO) DENMARK R Denmark hrd nitely on 11825, DN to Greenland & Pac, first hrd 13/10, SIO 422, lots of Tahiti and BEC-Ascension 11820 QRM, 5-digit series from CW stn on 11823, QRM from 0214. 0158 IS, 0159 EG/DN ID, 0200 nx pgm w/on-the-scene rpts; 0215 similar pgm, beginning w/GW ID "CQ DE OZPF"; best on USB. FRANCE RFI Lam svcs, ancd on air: 2200 FR, 2230 PT, 2300 SP, 2330 PT, 0000 FR, 0030 SP, 0100\* on 11995, 11965, 11955, 9785, 6140, 6085; all times & fqs confirmed here, 11995 best. MEXICO XEQM, Su Pantera, 6105, Merida, SP 1103-1130 pgm "Amanecer Yucateco", Lam mx, M ancr, panther snarls; 1103 ID by alt M&W: "Estas son sus Panteras, XEQM y XEQM, 1240 y 6105 kcs, en Merida, Yucatan, Mexico" SIO 343 here, 9/10. PERU R Tropical, Tarapoto, 4935, SP, nondescript Lam vocals; adstring 1048 w/16 consecutive ads, including Pepsi, Rayovac, cerveza; 1100 anuncios, fading by 1105, SIO 333 15/10. R Los Andes, Huamachuco, 5030, SP 0738 NA, 0742 s/on anmt by M: "Desde Huamachuco, capital de la provincia de Sanchez Carrin (is this a division of La Libertad Depto?) transmite R Los Andes en OAZ 2A, 5030 kHz, banda internacional de 60 metros onda corta, en amplitud modulada; " followed by pgm Surcos Tropicales, OA mx, M ancr, TCs; 0914 listeners' letters acknowledged (the same two from Chicago and Tokyo--are these the only two they have?); not hrd nitely; other slogans: "Los Andes Internacional", "Musica Tropical Peru". 10/10. VENEZUELA R Carora, 4907.5, SP pgm Aquit Venezuela, YV mx, M ancr, TCs 2 mins fast. ID 1043 "R Carora, YVMI y YVNI, 1140 y 4910 kHz"; s/on seems to vary 0957-1010; still barely audible 1120 14/10. MOROCCO RTVM Marocaine 11730 AR nitely after 0400, 20/10

AR mx, 0400 presume nx, 0415-58 W in concert w/AR vocals, interspersed w/applause; 0459 "Huna Ribat" ID by W; 0500 presume nx, 0505-16+ Qur'an prayers & chants; 21/10 identical pgm except different 0410 live performance, 0500-05 several IDs, either "Huna Ribat" or "Idhaa...Mahgribia...Ribat"; can't make out the rest; SIO 343. ROMANIA? V of Turkish Communist Party 9584.5 in presumed TK 0558 IS, 0600 anthem, 0601 s/on, 0602-31+ various M&W talks; how does one QSL this? 12/10. CAPE VERDE Emis, Official, 7154, PT, guitar & vocal selections to 0801 2-note gong IS, ID sounding like "7 horas em Emissora Oficial..." 0801 nx, 0806-25+ pgm of disco mx, M ancr, TGs, 0818 hrd "Discos del [sic] Cabo Verde"; fading by 0825; much ham QRM & BBC 7150 SIO 222, only nite hrd 26/10.

(Shortwave News Service, Nov): ARGENTINA/ANTARCTICA? LRA36 on 15474 2257 29/10 w/EG ID. Similar IDs reported in Play-DX & by Behr on Hauser's "World of Radio" (WRNO 24/10). In themselves, these IDs strengthen the suspicion that one of LRA36's purposes is propaganda on behalf of Argentina's territorial claims. Further, DX Ontario section editor Terry Bowden reported in his Nov column an EG bc 2301 9/10 during which ancr suggested Arg & PLO have much in common - "Both seek stolen lands back". Bowden also reports a SP bc at 0005 titled "Argentina y Africa". Thus as LRA36 is clearly operating for propaganda purposes, this again raises the question as to whether some of the stn's present or past xmsns are or were from locations other than Antarctica. A mainland Arg xmtr site would achieve better intl coverage and be easier to maintain. CANADA An APPARENT unauthorized relay of CHNO (550 kHz, Sudbury, ON) was hrd at SWNS HQ on 6240a around 0100 13/11, again from 1340 tune in that date and still there past 1700. Of course this could be harmonic of a CHNO LPKRT on 1560 - if there were such a thing. MALAWI MBC has EG nx heads at 0401 on 3380. USA WDUU Fayetteville NC hrd at SWNS HQ w/distorted, FMish spur on 1635a 29/10 around 2240\* followed by hymn. Of course s/off would be earlier now. VENEZUELA YV harmonic hrd consistently on 2060 kHz until 0355\*, seems to have "Onda" in ID so maybe R Onda as listed in WRTH 82. Often has baseball from R Continente. PIRATES WART strong at SWNS on 1615a 0031 21/10, mod sounds like xmtr site is remote fed by ordinary land line. KPNC 1616 kHz NYC, fq & location ancd, noted at 0225 28/10 IDing as "Pirate Central" then attack on Reagan & Republicans. Still on at 0305 w/"Death Don't Have No Mercy". R. Quince de Septiembre last noted at SWNS HQ around 0300 4/11 on 5565a u/heavy jamming. Cursory checks since have not produced any trace of stn, and it was definitely missing from all known fqs during the 0300-0400 period 12/11. Its apparent competitor, LV de Sandino (located in Costa Rica????) is hrd nightly from \*0005a on 6210v w/no jamming.

(George Wood, Stockholm, Sweden): Back in Sept LN you reprint item from Povrzenic in MDX abt how Liberty voice reminded him of an Ana Martinez, "who until a couple of years ago was hrd on a Scandinavian stn." Ana Martinez used to work for the SP group at R Sweden until a couple of years ago, when she moved over to one of the depts on the domestic svc. She is one of the few non-Swedes here at Radio Sweden (Kim & Roger are two others) who have successfully broken into doing pgms in Swedish. Not only was Ana here in Sweden during the "Liberty" bcs, but I know for sure that her accent in English is quite different from that of the "Liberty" lady. R Sweden listeners, of course, have only hrd her speaking Spanish, (Tom Gavaras, Plymouth MN): CANADA CHNO or bootleg: 0035 14/11 EG rock mx, IDs as CHNO and "N-0-55", wx, contest anmt to win carpeting from store on LaSalle Blvd, etc. Ocul chex found stn on as late as 0400. Suspect someone is testing xmtr by relaying CHNO as George Sherman has told me he hrd stn also on 7440; poor sig.

(Dave Scott, R Apollo Intl mgr, 8/11): Both R Apollo and V of the Leek are planning tests to NAM during this winter, probably Dec & Jan. There will be a test from the English stn R Apollo Intl in early Dec which will be advertised once we have decided on a definite fq; xials available are 6200 6206 6240 6250 6264 6265.5 6275 6306 7320 7325 7330 7340. After correspondence w/Scott McClellan it has been decided to narrow it down to 6275 or 7320 as all the other channels seem to be blocked in the States at around 0600 GMT. The only hitch is that IBC Italy tend to use 6275 a lot and might block the channel; however we are getting all the channels monitored thoroughly by US DXers and we'll decide soon on a definite fq. Test'll take place on either 5/12 or 12/12 at 0600-0730; power is 20 W output into a half wave dipole at a height of about 35 ft. If this test is heard in USA or Canada then the test by the Voice of the Leek will go ahead. Altho VOTL xmtr is the same as the Apollo one, it is run by different staff and the xmtr site will be in the mtns of North Wales. This'd give many US DXers a chance to hear Wales on SW for the first time. VOTL was the first ever SWBC stn to bc from the principality on 21/3/82 and since then R Pluto have done a bc from South Wales w/low power on SW. If it goes ahead the VOTL test will be on 3/1 or 10/1/82[sic] providing the snow in the area doesn't prevent us getting to planned xmtr site, but this test depends on the success/failure of the Apollo test. We should be able to gain some idea of the chance of getting across by the first test. Both stns QSL by QSL card promptly (The VOTL's completely in Welsh) and both can be contacted at: The Apollo Radio Network, P O Box 319, Edenbridge, Kent, UK. The first NAM listeners to write to either stn will receive spl prizes along w/QSLs. No rp is necessary for transatlantic reports. Any suggestions for use of fqs by anyone is most welcome. When definite dates/fqs are decided we will be in contact w/US by phone and the info will be with you within hours. Best Wishes, Dave Scott on behalf of Idris Evans, VO the Leek, Llangollen, Wales. # Some more details from enclosed info sheet No. 5: Pgms mainly oldies, DX nx, free radio recordings and mailbox, but also plan to include sessions from unknown bands and guest DJ pgms (demo-tapes very welcome). So far RAI

have rxd 290 reports from 15 countries. Fixed staff incl Dave Scott & Steve Prince; other DJs hrd have included Steve Adams, John Andrews, Nick Hudson and 'Karen'.

(Mike Barraclough, Herts.): Weekend Music Radio, xmtr in SCOTLAND intend testing to NAM 0500-0800 on 6260, 50 watts & 6235, 20 watts on the following Sundays: 21/11, 5/12, 19/12, 2/1, 23/1, 6/2, 20/2, 6/3. Addr is 42 Arran Close, Cambridge, England. Per Podney Sixe and Nicholas Sharpe reporting to my WDXG DX News column.

(Stig Hartvig Nielsen, Viborg, Denmark, 11/11): A lot of trans-Atlantic tests from European hobby-pirates are due in the next few months. R Gerona, from HOLLAND will test on 6225 in Dec or Jan. No further details given. R Caroline Intl will test at midnight 19/11 on 6850 (also try 6311) [If you meant 0000 19/11, there seemed to be something on 6311 but probably 49m overload -gh] ITALY World Music Radio hrd w/low powered tests on 6221 31/10 & 1/11 in afternoons. When fully opl WMR will be hrd on 1300 6221 11565 w/5 kW on each channel. Problem at xmtr site just south of Milan right now is the electricity supply; xmtrs as well as aeriels are ready. Mailing addr: WMR, P O Box 4078, NL-1009 AB Amsterdam, Holland. (3 IRCs for QSL by airmail) HONG KONG R TV HK was hrd in Denmark w/ a "one off" [one time only] xmsn 6/11 on 3943 at 1530-1615 in connexion w/Nordic Championship in DXing 1982. Power used was 15 kW [So who wants to arrange such a test for all of us to try for in N America? It's a long time until spring 1984 -gh] LEBANON R Lebanon obs almost daily since 28/10 w/Sam svc on 11715 2300-0100 - co-channel Denmark until 0052. Af svc 1830-2030 on 15360 (ancd as 17830). NAM xvc is now 0130-0300 w/EG 0230 on 11775 (ancd 11970). Times continue to vary a lot and fqs to drift slightly. DDXIK HOBBY PIRATE LIST A complete list of all active Eu SW hobby pirates, published 4 times a year by Dansk DX-Lytter Klub. Incl fqs, addr, sked, list of DJs, power, QSL policy. Send 2 IRCs for one copy or 7 IRCs for the next 4 issues to DDXLK, P O Box 392, DK-8100 Aarhus C, Denmark. For 1 addl IRC you can get a free copy of DX-FOKUS - the monthly mag of DDXLK since 2/73. U.S.A WRNO is sometimes getting thru to Europe now, which is BIG news. I hrd WORLD OF RADIO quite clearly 7/11 2330 on 11890; I could follow all that was said. Also 17895 15355 11965 can sometimes - when condx allow - give useable reception!!! 6155 is of course useless - what an idiotic choice of fq.

(Vincent J Pinto, Suffern NY, 9/11): Pirate logs: 11/10 1620.1 \*0101-0120\* WART again male DJ, rock, pop, plays "Angie Baby" a lot. Speech still highly processed. A bit muffled. Started out weak, ended quite strong, 444, maybe tune up. 16/10 1620 kHz 0330-0422\* WART M DJ, mixed mx, has added medieval, baroque, classical to repertoire. Everpresent "Angie Baby" and "Valley Girls" (Latter by M Zappa). At 0414 audio distorted, sig started to die out. Disappeared. Come back 1 min later, ancd xmtr filter blew up. Siad was leaving air for nite. Ancd NYC loop # and I called after xmsn 0422\*. Told me h.b. low pass harmonic filter blew up and he wouldn't operate w/out it to ensure spectral purity! Said back on in few days; SIO 343. 13/10 1630.2 0415-0605\* WART. DJ Crystal Goblin, more of "Angie...". IDs as "WART radio-the voice of the Northeast. 444, bit QSB. Loop lines 212-. PR tape on pirate radio, lost loop at 0510, ancd new 516 loop. Apologized 10 min later, said it didn't work. However, some interesting phone calls before 0510 incl from Michigan. QSLed in 5 days, card, claims 2800 w/out. 31/10 1612.2, 0110-0220 "KW", new one for me. Exc sound & pgming. "Johnny Jo" and "Barbara Baintree" are M&W DJs, sound fully pro. Ancd taking phone calls, 212 loop. Called earlier in show. Claim only been on air few weeks. Conflicting claims re power, ant. All agree QTH is Manhattan or nearby boro. Sig S6-S9, 444, QSB. ID as "KW radio AM-peoples radio", calls from CT, Staten Island, Schenectady. Some excellent mimes doing Nixon skit. Finally tuned out 0220 while still on; so pgm is skits, ads, mx, fone calls. 31/10 7428.9 0310-0342\* KQSB G sig & pgm, DJ. ID as "KQSB International", dedication to Rita. mx, several phone calls. Didn't annc loop or any #, gave Calif addr for QSL. Calls fro v of Voyager and V of Venus. Ancd look for Purple Pumpkin after s/off on same band. 31/10 7408.4 0406-0412 Purple Pumpkin, G audio, nice clean sound, sounded like good pgm but quite weak. Terrible QRM too. Lost 0412 apx. M ancr, mx. Missed a lot of the audio due to QRM. SIO 222. Weird sounds on fq after I lost him--wat is a Halloween skit? 1/11 1615.6 0110-0230 "KW" S6-S9, QSB. 344. Some DJs, mx, fone calls, mimes, funny ads. As usual, good show! Several small sudden fq shifts. About 1.5 kHz each time. Numerous east coast phone calls. Nice sound! Claim multi-element ant array! Also claim piece of wire! 2/11 1618.8 PRN 0701-0708\*, tail end of xmsn, M DJ, mx, blurb about "PRN is an unlicensed radio stn..." etc., "...will be going off air shortly--good nite!" at 0702. S2-S6, SIO 334, G to hear again, 0708\*. 6/11 1616 kHz WART \*0210-0400\* same DJ, Crystal Goblin, inevitable "Angie" and "Valley Girls", calls later in show from NJ, DE. Ancd NYC 212 loop. Said'd take calls after show; I tried but it was busy. Finally got thru 30 min later. Audio much cleaner, better than earlier xmsn, 344, ancd QSLs via ACE. 7/11 1613 0010-0500 KW, same old people, mimes of Jimmy Peanut, Richard Milhaus, Walter Cronkite etc. Calls and mx, 212 loopline; talked to Cronkite on it. QSY to 1616.7 abt 0041, then 1620.4 0500; still on 0500 when I asleped; SIO 444; no QSL cards! Claimed Manhattan QTH. 7/11 7427 0423-0445\* KPHU New for me, M DJ Maxwell Silverhammer. Vy intelligible, clear audio, loop line NYC. Fine sig, calls and mx, 50s mx and wierd stuff, SIO 344, KQSB called; ancd QSL addr ACE; claimed southwest QTH. 7/11 7408.6 0505-0515 Purple Pumpkin, ID as v of P.P. 0506, "Rock & Roll SW Radio", "Broadcasting live from Downtown you-know-where". Dog barking (eerie), along w/ID; 0515\*, heavy QRM/QRN, SIO 323, hvy QSB. 7/11 7430.0 0510-0515\* KQSB Intl ancd fq as 7432 on 41m, Mentd earlier KPHU xmsn. Referred to fake Uncle Ralph/KQSB caller to KPHU, SIO 444, clean sig, good audio, 0515\* 7/11 1631.7 0535-0720 WART same old stuff, mx, calls toward 0720, loop #, SIO 445, S8-S9,

QSL addr ACE. 8/11 7424.7 \*0214-0250\* KPHU IDs as "Voice of Zen Buddhism in North America"; mixed mx, Donovan, etc. Calls NYC loop #, and QTH as north Texas. Calls from MN, KS, IA, NYC M DJ; one ID by W. G sound, good mx. QSL addr c/o ACE, Box 452, Moorhead MN 56560, SIO 333. 8/11 1630 0300-0315\* WART testing, mx, tones, before 0315\* and loop NYC #, said talking calls after bc; called 0320, claimed he's 160 mi from NYC and really running 50-80 W out vs 2800 on QSL card. Ant dipole array, SIO 444.

(Scott McClellan, Box 982. Battle Creek MI 49016) HOLLAND Here's an early Xmas present - Free Radio Service Holland tells me they'll test to USA 19/12 0600-0800 on 6250, // 7315 (or 7325). If this isn't successful, it will be done again 16/1, same time & freq. Addr: FRSH, Postbus 41, 7700-AA Dedemsvaart, Holland. Two or three IRGs requested. WART on 1619 23/10 c 0430 taking calls, G strength but very restricted audio made copy difficult. Also 24/10 0345+, QSL recd 6 days after call. 7350 AM Radio was the closest thing to an ID hrd 30/10 drifting around 7350, SIO 422, around 0130. Several rock tunes, gaps between, finally gave ID at s/off, promised more in future. Munchkin Radio, new one, hrd 31/10 7430 0435-0453\* w/ humorous tunes (such as "Purple People Eater"), ad for "Doggy King" restaurant for dogs, echo IDs. I might be able to forward reports for anyone interested. Radio KW hrd 31/10 on 1615 0610-0624\* taking calls from all over the east. Vy good audio, pr sound, G at peaks but bothersome het. Claimed NYC as QTH. Also IDed as KW Radio. R Fliving Dutchman Inc' hrd 31/10 into GMT 1/11 from 2215 to past 2400 on 9458. Fairly good sig at t/in, but deteriorated gradually to SIO 211 by 0100. Mostly folk mx and rock, fairly pr sound. Addr via me. Maybe one shot Halloween bc, maybe not. I will suggest they purchase another xtal for better fq. RFDI is normally on FM only. KOSB Incl hrd 31/10 on 7428, the ancing 7427, upon returning home from party at 0325 to 0342\*, SIO 343. Aired call fm "Scott Wild" fm V of Venus who stated they'd be back soon with an AM sig near 7425. DJs were Frank Furter and Uncle Ralph; live xmsn, I guess their first one, "We can only get better". G pgm. Letter from stn sez aside from a few tests to Eu this winter, they won't be on much for a while. KPHU hrd 7/11 on 7426a 0410-0430+, SIO 433-444. Had calls from IA, KS, one claiming to be "Uncle Ralph" of KQSB, followed by call from Frank Furter of KQSB, stating that the previous call was an imposter! (I had my doubts when "Ralph" was on, some things weren't right, incl his voice). Furter phoned me later to see if I knew who the imposter was! Strange but true! Must be fairly high powered to have such a large coverage area. I tried to call several times, but couldn't get thru.

(Kirk Baxter, Mission KS, 7/11): KPHU 2/11 0530-0554\*, SIO 322. Tnx to Darren for tip on this. Gave phone 212 779 9906 and taking calls on air. Discussing noise levels and playing Doors mx. 7426, 7/11 0417-0445, primarily taking calls as before at same number. Spoke w/ Maxwell Silverhammer. Said were in N Central Texas (tho no TX accent hrd), and QSLs via ACE. They were calling themselves "The Voice of Japanese Zen Buddhism". 7350 AM Radio, on 7347, 30/10 0120-0150a, SINPO 32333. Never did get G ID on this, but at s/off gave above. Played mx by The Who, Yes, Steppewolf. Drifting down in fq into QRM de Prague, but they corrected this during bc by QSYing up. Anyone know anything about this stn? KOSB 7360.5 21/10 0307-0310\* SIO 444, playing song "All Night", ID 0310, ad for ACE. Vy clear audio and G mod. 7428 31/10 0255-0342 SINPO 43333. Apparently live xmsn. Began w/mx, 0300 ID, mx. Had live phone calls from Frank N Stein, Egor, and V of the Voyager people. Phone audio a little low, but other audio and mx levels G. Vy interesting Halloween pgm. R Clandestine 7355.1 21/10 0321-0414 SIO 444. Very strong sig (attimes even as strong as WRNO), G clear audio. Had interesting pgm of rock mx, comedy w/Stann Freberg's "St George and the Dragonet", interviews w/their crew members and CE. Vy pro. Tnx McClellan for tip. Also 7355.4 30/10 0406-0438, SINPO 33333. Fairly clear sig w/just marginal QRM from utes. Played rock, and "I'm Looking Over My Dead Dog Rover". Vy pro prodn, G xmsn qual. R Free Radio, 7425 USB 2/11 0558-0628, SIO 333. G Sig but hvy QRN at my QTH. Had mx, ad for ACE, something about a radio day care center (?) and gave ACE addr for QSLs. The Crystal Ship, 7427 23/10 0356-0429 & 0442. SIO 322. Still vly distorted audio, but some songs IDable. Audio on mx was clearer than previous nites, but voices still muffled. Xmtr at times going on and off. 7428, 24/10 0249-???, SIO 222. Fairly strong sig, but audio was so distorted (still sounds like it's FMing). this eve that little could be hrd. I'm not even sure when they s/offed. Back on 0434 w/"Don't Fear the Reaper". V of the Purple Pumpkin, 7409 24/10 0509-0523, SIO 333. First time hrd. They played "Sky High", "Rosanna", ID at 0515, msg from Ronald Reagan (which was laughing) and s/off w/out any QSL addr. Anyone know anything about this stn?

(Bob Streeter, Schenectady NY): V of the Purple Pumpkin 7409a 0516 24/10, 60s R&R mx, fq IDs. M said they were being from "downtown you know where". Closed w/Tiny Tim's rendition of "On the Good Ship Lollypop", another ID ant 0525\* Addr? F-G sig, tho ocll deep fades. R Free Radio hrd 7431a 0624 24/10 on USB w/talk abt Reagan's altercation w/California Republican candidate and R&R mx. Off at 0629 w/problems, but back at 0631 giving 212 237 9906. Phone busy at first - then went dead. Pgm contd until 0643 when sig seemed to drift up about 2 kHz. Sig then weakened and became distorted. Possibly switched to LSB but too distorted to tell. I did catch fake ad, ment of ACE, possibly for QSLs, and a recording of a numbers stn. Apparently on past 0718; F-VP. I was surprised to note the phone # given by RFR was very similar to the one listed for R Quadro Intl test in Mar 12; only the exch was different but I don't know if this has any significance. [Telco loop numbers tend to be similar in different exchanges, that's all -gh]

(Larry Horn, Evansville IN): R Cland hrd 7354 0400 30/10; RFR 7428 0130 15/11.

(Mike MacCollum, MN): Glad to finally hear R Clandestine, 6107-8a 23/10 0623-0638\*; sig was only OK, SIO 343, not booming as I expected, and there weren't any skits, just mx and anmts, but so well done--I've listened to my tape several times since then. There was an ID at 0625 by R F Burns, another anmt 0634 saying they were "somewhere in the ocean on a ship with no name, flying the flag of no country," "an alternative to hum-drum radio". Closing anmt & ID by RF Burns at 0637-8, o/pno mc; 0634 anmt was also o/mc. All the rest was mx, most of it good and new to me as well. A very fine show and I hope to hear them again soon. And is it my imagination or are they being reported a lot more now than in times past.

(Frank N Decker, Syracuse NY): WART, weak 23/10 0530-0625 using loop number on 1610[?]. And hrd w/fair sig 24/10 0440-0525 on 1616 kHz using ACE addr for QSLs [rather messy hand-made w/skull & crossbones flag, angel, says ant is 3 phased dipoles zepps, 27 ft high, re-tarded phase H field groundwave, location Eastern Seaboard, USA. Staff: Engr R. F. Mystic, a.k.a. Spacecase; DJ: Crystal Goblin (Shattered), Mgr Zyg Rotolarian, aka Ozone Pilot; and a toad; Cytomegalovirus Best Group; fqs 1616, 1620, 1625, 1632, 1636, midnights] R Free Radio, G sig 24/10 0608-0720 on 7432 USB shiftin to 7434 USB at 0643 (these are FRG-7700 rx readout rather than corrected for USB shift). Gave ACE QSL addr, ads for them 0610, 0618, 0640, 0651. Gave loop 212 237 9906 for QSL stating he would listen for 2 mins; I called but he never intercepted other end of loop during the two min period. They did a number of humorous anmts and a "Spanish Hour" at 0704-0712 which may have been a delayed tape of the numbers stn on 6780 at about that time. KW Radio, GMT Sun 31/10 0513-0624\* on 6115 w/strong sig w/some fading, claimed to be in NYC. Ancrs "Johnny Jo" and "Barbra". Did voices of Richard Millhouse and Jimmy Peanuts and God. Used loop 212 283 9977, which was breaking up so that he used radio xmsn for his side of conversation. I called 0513-0518, followed by Brett, Reading PA, and Ken promoting R Free New England, and a caller from Canada. They did several parodies and had very high quality audio w/hvy reverb for "God". KW Radio 3/11 \*Q131-0250\* on 1614 claiming to be in Manhattan, loop 212 285 9977, G sig overriding substantial QRN. And 7/11 1615 0040-0531\*; shifted to 1620 at 0219. Ancrs: Journey [?] Jo, John Rack, Barbra used loop 212 283 9977, apparently tied up much of the time, as I didn't get thru til 0402 even tho they were asking for calls. Guests Milhouse, Peanut, Cronkite, Ali, God. Did some Rodney Dangerfield recording and had a very amusing caller Ann Marie at 0300 & 0400; G sig. WTFD 7/11 only hrd 2 mins at 0427 wrap up, ID and off, G sig. KOSB Intl, 7430, hrd "We will, we will love you" thru ID 0511, from western USA (but not CA). Mentd he came on to clear up problem w/KPHU who had caller claiming to be Uncle Ralph. Gave addr as Arcata for QSL. End 0514, vy strong sig. WART, 1632, 0533-0611 7/11, and t/in again 0725-0800. Used loop 212 779 9906, while broke up about every 20 secs. Ancr Crystal Goblin, F-P sig. And 14/11 0450-0622\* on 1616, fairly G sig, deep fades; loops 212 569-9979 & 779-9906. Alleged using 180 watts; asked whether PRN was on. PRN 14/11 0624-0627 intermittent on 1620, 0630 shifted to 1615, ID as PRN; t/out 0730. Did rebroadcast of NASA phone info and conversation w/Columbia crew. Fqt IDs and mx when no action on NASA line, Ancr Captain Jeff said hello to the people at WART whom he followed. 0858-0907 tuned in again and they were still operating w/NASA broadcast. Pse QSL thru ACE.

(Chuck Oliver, Spring TX): Free Radio North America on 7429 0104 15/11; only the 2nd cland I've hrd, since most are too far east or west of me. S5 sig; addr as Box 1851, New Britain CT 06050; said'd be bak on Thanksgiving night at 9 pm EST on apx 7440. Anti-Castro stn [LV del CID] on 7412, fqt mention of Cubanos, Sovietica, Angola, c/in 0110 16/11, constant talk to 0125 when SP stn names and fqs. 0130\* w/Cuban NA. At first he was very plain, but near the end of xmsn was muffled. Poor mod. Incidentally, I see Kol Israel has moved from 7412 to 7410 with EG xmsn. LV de Sandino, 6220, 0425 16/11, M&F ancrs seemed almost frantic, stl 11 raving at 0455. unknown Arab on 9497 2200 11/10 2200-2212 talk, off in middle; Cairo?

(World Radio TV Handbook Newsletter, Nov): [Note: although not specified as such, I think many of the details to follow were tentative for D82, since they conflict with other observations -gh] DENMARK R Denmark D82: 1000-1052 & 1100-1150 17770. 1200-1252 on 25890[sic]. 1300-1352 25850. 1400-1452, 1730-1830, 1900-1952, 2000-2052, 2100-2120 on 15165. 2130-2150, 2200-2252, 2300-2352, 0000-0052 on 11715. 0100-0152, 0200-0252 on 9755. MONACO TWR D82 EG 0725-0940(Sun 1100) on 9610. PORTUGAL R Portugal D82 EG: 1600-1630(not Sun) 21685. 1700-1730 Sun 17880. 1800-1830 Mon-Sat 15245 21530. 2030-2100 6025 9605 11775. 0300-0330 9520 11925. 0530-0600 6075 9520 [Looks more like S82 to me; I've hrd 9575 to NAM not 9520 any more -gh] SPAIN REE in EG: 1900-2000 9765 11840 Eu, 2000-2100 15375 Af. 0000-0200 on 9530, 0530-0630 11880 Nam. [However, they have shifted the first two an hour later, hrd here at 2000-2100 on 9765 & 15375, 2100-2200 on 15375 and 15190. As always, the 0000-0200 & 0530-0630 are on both 9630 and 11880 -gh] JAPAN/PORTUGAL R Japan-Sines relay D82: 0700-0730 on 15405 ME, 2200-2230 9715 Eu [This contradicts Nov LN] PHILIPPINES-FEBC EG: 2300-1000 21515, 2315-2400 15410, 0000-0100 17810, 0000-0800 15410, 0800-1000 11890, 1215-1600 15440. R Veritas D82 EG: 0000-0030 15195 15280, 1430-1500 11955 15215 [cf Nov DXLD-21, 1430 bc was reported to have been dropped; 0000 would be a new time; only 2 fqs now? -gh] GUAM KTWR D82 EG: 0745-0930 11840, 0745-0900 Sat/Sun 17795, 1400-1430 9505, 1445-1500 Thu/Fri/Sat 11920, 1500-1600 9505. DX pgm Sat 0900 11840, 1445 11920, 1530 9505. USA WYFR D82 EG to Canada: 1300-1400 11850, 1400-1800 15215, 1500-0100 15365, 1900-2200 15215, 2200-2300 15380, 0100-0400 & 0500-0600 6065. VENEZUELA Following stns are inactive: 2340 2370 3215 3245 3275 3285 3295 3355 3395 4760 4880 4910 4930 4950 6010 6070 6090 6120 6140 9510 9530 9700 (Santiago San Gil, Venezuela) Until the next, 73 de Glenn



JERRY A. LINEBACK, Editor  
115 Wroxtton  
Conroe, TX 77304

DECEMBER 1982

Welcome to the last Scoreboard of 1982. Thanks to those who have shared their DX progress with us through Scoreboard this past year. We are looking forward to 1983. Why not share your progress in the coming year with us. C/H = countries heard and C/V = countries verified. All country counts are according to the rules set forth in the NASWA Radio Country List and Awards Program booklet. The 1981 edition is the most recent and is available for \$1.00 (\$2.00 overseas) from NASWA, P. O. Box 13, Liberty, IN 47353. If you have the 1981 list, an update is available for a SASE to the same address. See the Headquarters Report in the November FRENEX for more details. The spotlight this month is on Africa. The next deadline for Scoreboard is 15 February for the March issue and the spotlight will be on Asia.

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Name, state	Total C/H C/V	Africa C/H C/V	Best QSL	Name, state	Total C/H C/V	Africa C/H C/V	Best QSL
Don Jensen, WI	227 226			Brett Saylor, PA	197 135	52 22	Malawi
John Tuchscherer, WI	226	62	Cordac	Brian Cartwright, PA	197 41	46 5	Sierra Leone
Gordon Darling, UK	224 215	62 58	Cordac	Larry Abraham, MI	196 176	58 48	Zanzibar
Ernie Behr, Ont.	224 202	62 56	Reunion	Mike Ryan, CA	196 164		Reunion
Irving Johnson, CA	224 72	62 15	Dahomey	Paul Buer, FL	195 178	52 44	Isla Palma
Sam Barto, CT	220 211	62 59	CQM	Jim Uerlings, OR	193 48	48 5	Egypt
Bryan Clark, NZ	218 196	61 52	Reunion	John Sgrulleta, NY	191 189	56 56	Reunion
Edward Kusalik, Alb.	217 202	61 53	Reunion	Henry Lazarus, LA	191 187	50 49	R. Ecuatoria
Al Sizer, CT	216 214	61 59	Mindelo	Vladimir Cucura, PA	191 105	53 15	Blafra
Marlin Field, MI	215 212	61 60	Mt. Kenya NYERI	Mark Koukol, IL	189 163	53 46	Zanzibar
Dan Robinson, DC	213 173	61 45	Huila	Ron Howard, CA	176	45	Paralelo 27
Bill Sparks, CA	212 207	58 55	Djibouti	C. J. Orekar, CA	188 172	49 43	Lesotho
Terry Klasek, MO	210 205	61 59	Senegal	Mark Warner, U.K.	186 147	52 33	R. Freedom
Tom Williamson, Ont.	210 193			C. Vernon Hyson, NC	183 164	50 43	OTM2 Congo
Tom Cavaras, MN	209 184	56 43	Libertacao	Jay Florian, IL	183 119	50 27	Kenya
Nobuaki Takahashi, Japan	209 170	60 44		Henry Ward, Que.	180 155	34 28	Djibouti
William Flynn, CA	208 186	58 49	Mauritius	Jerry Lineback, TX	180 104	53 32	Swazi Music
Neal Perdue, AL	207 55	61 12	Seychelles	Scott McClellan, MI	180	48	Malawi
Gerald Bishop, PA	206 170	60 41	Djibouti	Robert Wilkner, FL	179 91	48 23	Santa Isabel
Victor Jaar, Que.	206 4	60 1	Mozambique	Brian Alexander, PA	179 76	50 11	Ganda
James Koren, NC	204 188	55 49	Gambia	Andy Leskowitz, MA	177 101	55 24	Gambia
Michael Dayen, MN	203 170	54 39	Comoro	Steve Reinstejn, FL	177 90	46 23	Bangui
Terry Krueger, FL	202 121	53 27	Mauritius	Richard E. Davis, CO	176 153	42 31	Mauritius
Don Moore, PA/Hond.	200 145	56 24	Calabar	David Reitz, KY	176 110	50 25	Mogadishu
Al Niblack, IN	200 130			John Huniwell, NJ	175 170	47 45	Malabo
Sholom Glikzman, IL	199 165	53 34	Bukavu	Mike Hardester, CA	174 152	42 33	Malawi
W. Maxfield Greenwood, ME	199 35	55 3		Terry Palmersheim, MN	174 120		
Chris Lobdell, MA	198 193	55 55	Rio Muni	Robert J. Vance, West Germany	173 151	45 32	Zimbabwe
John Fisher, Alberta	198 161	57 42	Sao Tome				
William Krause, MN	198 143	50 22	Omdurman				

Name, state	Totals C/H C/V	Africa C/H C/V	Best QSL	Name, state	Totals C/H C/V	Africa C/H C/V	Best QSL
Arnold Defeyer, MI	172 147	55 50	Lesotho	David Benner, IN	117 83	24 10	Cameroons
Niel Wolfish, Ont.	172 109	54 28	Libya	Mike Brooker, Ont.	114 86	32 15	R. Mali
Gordon Blom, NY	171 141	44 28	Zambia	Bill Taylor, PA	111 86	20 14	Uganda HS
Jim Davis, CA	170 119	40 19	Lesotho	Jim Tedford, MI	111 68		Nigeria
Stephen Leite, MA	165 142	38 31	Lubumbashi	Gilles Michaud, Que	111 56	29 8	Zimbabwe
Andre Pineault, Que.	165 136	49 36	Malawi	Leon Kanopka, NY	110 87		
Ewald Bartunek, Austria	162 135	45 33		Pete Grenier, CA	107 74	12 9	Nigeria
Walter Kunz, PA	162 75	41 14		Steven Lars, MI	107 72	15 9	Radio 5
Morely Kirkland, Ont	161 144	51 33		Dale Park, HI	105 29	23 7	Swazi C. R.
				R. Harrington, CO	104 64		
Dan McCarthy, FL	160 136	45 32	Swazi Music	Greg Hart, FL	104 54	20 6	Bafoussam
Robert Beaudoin, CT	160 125	29 25	Zaire	Nolan Stephany, NY	101 74	18 7	ELWA
John Meyer, WI	160 117			Bill Leal, Ont.	101 66		
Kevin Meyer, VA	160 111			Robert Fraser, MA	100 61		
John Kapinos, MA	159 133	27 23	Cape Verde	Daniel Sampson, WI	96 65	21 8	Mauritania
James McClure, KY	159 92	44 13	Seychelles	Dan Miller, WI	95 17	12 2	
Charles Connell, CA	156 129	31 22	Comoros	B. Benkovich, B.C.	93 52	13 5	VoNigeria
Bruce Ewenstein, NY	155 91	43 21	Brazzaville	Nan Tedford, MI	93 46		SFR Canary I
Dave Maxfield, MI	155 33	33	Angola	Alan Zeichick, ME	90 57	12 4	Nigeria
Baxter Hensley, TX	154 138	35 25	Togo	Eric Jaderlund, WA	87 29	10 1	RSA
Tim Hall, CA	153 114	37 21	Seychelles	Paul Janto, ME	84 50	14 5	ELBC
Larry Cunningham, OH	151 52	38 7	Zimbabwe	Gerald Clark, IN	78 61	14 6	Cameroons
Shawn McDaniel, IN	151 28	27 8	ELWA	John Lentz, WI	78 51		
Paul Choroszy, ME	147 111	44 24	Upper Volta	Louis Sica, Jr., NJ	78 28	13 4	Algeria
Fred Kohlbrenner, PA	146 113	35 18	Sao Tome	Ron Tekulve, Jr., OH	77 56	10 6	Cairo
Wm. R. Smith, DC	146 75	31 7	Sao Tome	Paul Brouillette, MI	76 62	11 7	Benin
Robert Viau, Que.	144 126	35 28	R. S.W.A.	Tony Kobylski, MD	76 52	6 4	
Nelson George, NC	144 103	39 22		Robert Luke, OH	75 42	11 6	ELWA
Brian Sarkisian, MI	144 92	40 17		Jerry Schmidt, WI	73 48	9 4	Springbok
Daniel Viens, NH	143 7	36 1		James Lonsdale, FL	71 65	5 5	Algeria
James Fordyce, NY	141 82	37 14	Swaziland	Edward Overstreet, GA	71 62	8 7	Kaduna
George Link, CA	135 106			Todd Smith, CT	71 52	3 2	Egypt
Austin Kelly, IL	135 103	30 17	Ibadan	Peter Giacopelli, NY	71 50		
Ken Loh, AZ	135 91	36 19		Bob Gunderson, MN	70 49	4 1	
Mac Leonhardt, IN	133 70			William Dunham, LA	69 56	6 3	
Kenneth Briscoe, IN	132 68	34 7		Don Warner, OH	69 32		
James Clifford, West Germany	130 105	28 20	Kenya	Eric Mayer, OH	68 39	4 1	
Gene Eastman, TX	128 76	26 8	Rhodesia	Thomas McCasland, KS	65 35	7 3	Uganda
Timothy Noonan, WI	125 98	33 9	Congo	Jack Nibecker, Jalasco, Mexico	62 39		
				Brett Whysel, CT	61 32	7 3	Seychelles
Jim Thornton, CA	105			Rita Vernetti, Kwajalein	59 51		
Raymond Whitzman, Que	124 103						
Don Hosmer, MI	122 85	26 18	Togo				
Ken Cobb, ME	120 67	36 3					
Robert L. Woods, VA	118 43	23 3	Nigeria				

Thanks to all who contributed. If your name did not appear this time, remember that you have to update your totals at least once a year to appear in Scoreboard. If you have not sent in an update in about a year, be sure to before the next deadline of 15 February 1983. Please update all totals each time to be sure I have up-to-date information on my cards.

DEADLINE 15 February 1983. SPOTLIGHT Asia. SEASONS GREETINGS AND A HAPPY NEW YEAR TO ALL

*J.A.L.*  
Helping Hand Larry Cunningham, 1360 Thornwood Place, Apt. C, Columbus, OH 43212, has developed several computer programs for his Apple computer that help him in various ways with his shortwave hobby. He has indicated that he is interested in sharing these. Please contact Larry for details.

# QSL REPORTS



**Sam Barto**  
489 King Street  
Bristol, CT 06010

- AFGHANISTAN:** Radio Afghanistan 15077 f/d "Silk Road Caravan" cd. in 175 ds. for 2 IRCs. (Barrera-ARG).
- ALBANIA:** Radio Tirana 7300 f/d cd. in 82 ds. for a SP rpt. (Barrera-ARG).  
Radio Gjirokastrer 5020 p/d cd. in 3 mo. via Tirana. Site is not on cd.
- ALGERIA:** RTVA 15370 folder cd. in 30 ds. for a SP rpt. (Gliksman-IL).  
and 1 IRC. (Barrera-ARG). Not reported all that often!
- ANGOLA:** Radio Nacional 7245 f/d ltr. via registered mail in 29 ds. v/s Miguel Bras. (Barrera-ARG). 9535 same in 28 ds. for a PT rpt. & 1 IRC. (Fortney-PA). 11955 in 31 ds. (Wilkins-CO).
- ANGUILLA:** Caribbean Beacon 1610 f/d cd. in 36 ds.  
v/s Bob Jensen, General Manager (Barrera).  
Not SWBC but we let a few goodies in from time to time... Sam.
- ANTARCTICA:** Radio Nacional de Arcangel de San Gabriel 15476 f/d cd.  
\* w/ pennant and personal ltr. in 24 ds. C/V #2161 (Darling-UK). same in 8 mo. for a SP rpt. v/s LT. Colonel Jose Bilbao Richter. (Kirkland-ONT).
- ANTIGUA:** Deutsche Welle 6040 and 9545 f/d "EDXC" cd. in 3 1/2 mo. (Plum-NJ).
- ARGENTINA:** RAE 11710 n/d "Logo" cd. in 36 ds. for 1 IRC. (Paszkiewicz-WI). same in 5 wks. v/s Julio Lagos (Dickson-OH). 6060 cd. in 23 ds. for a SP rpt. (Fortney-PA).  
\* Radio Liberty ltr. rcvd. from Julio Lagos disavowing any connection between the RAE and this station. (Barto-CT).
- ASCENSION ISLAND:** Radio Atlantico del Sur 9710 f/d "Map" cd. in 108 ds. for a SP rpt. This  
\* QSL was obtained by the help of a friend in the UK. This is the first, last and only QSL issued to an Argentine DXer!!! (Barrera-ARG).
- ASIATIC RUSSIA:** Radio Moscow via Vladivostok 11755 f/d "Red Square" cd. in 38 ds. (Furdum-MI). 11850 cd. in 57 ds. (Palmerheim-MN). 9795 via Komsomolsk-on-Amur cd. in 57 ds. (Palmerheim-MN).
- AUSTRALIA:** VNG 12000 f/d "Melbourne" cd. in 27 ds. v/s Marie Zammit. (Paszkiewicz-WI). folder cd. in 26 ds. (Darling-UK). Radio Australia 17870 Carnarvon f/d "Kookaburras" cd. in 18 ds. (George-NC).
- AUSTRIA:** CRF 9770 f/d photo cd. of "Karnnten" in 25 ds. w/ sticker. (Krist-VA).  
\* Schulungssender des Osterreichischen Bundesheeres 5036 cd. in 11 ds. for 1 IRC. Address: Franz Josefs Kai 7-9, A-1010 Wien. (Darling-UK).
- AZERBAIJAN SSR:** Radio Baku 4785 f/d plain white cd. in 1 mo. for 1 IRC. (Leits-MA).
- BELGIUM:** BRT 11695 f/d "Flemish Art" cd. in 28 ds. (Krist-VA).
- BIAFRA:** PRNC 6025 Enugu f/d ltr. in 43 ds. for 2 IRCs. v/s A.O. Mbeledegu. (George-NC).
- BOLIVIA:** Radio Illimani 6025 p/d "Lake Titicaca" cd. in 93 ds. v/s Mario Ortiz Ortiz. (Barrera-ARG). Radio Padilla 3480 f/d ltr. w/ pennant in 77 ds. v/s Luis N. Palma Salazar. (Barrera-ARG). Radio San Miguel 3310 mimeo ltr. w/ pennant in 24 ds. for a SP rpt. and m/s. v/s Prof. Sergio Vaca L.T. Ltr. also rcvd. from Gladys Vidal  
\* Nishijara looking for pen pal. (Darling-UK). Radio Nacional Cochabamba 5975 n/d ltr. in 9 wks. for a SP rpt. and 1 IRC. v/s Dr. William Block B., Director. (Gliksman-IL).



# SANTA FE

Thank you very much for your  
reception report of our Station on...  
March 27th, 1963  
Yours Sincerely

*With all our best wishes*

Radiodiffusion Tunisienne  
139, Av. de Paris

TUNIS

**BONAIRE:** Radio Nederland 6165 f/d "Authentic Costumes" cd. in 7 wks. for 1 IRC. (Wilkins-CO). Trans World Radio 11815 f/d "Antenna Construction" cd. in 20 ds. (Eisele-CA).

**BORNEO:** RRI Palangkaraya 3325 f/d personal ltr \* in 3 wks. after a f/up rpt. for an IN rpt. and ms. v/s Djoko Suryanto. (Wilkins-CO).

**BRASIL:** Radio Brasil Central 4985 f/d form ltr in EG/PT for a PT rpt. and 1 IRC. v/s Luiz E. de Carvalho. (Palmerheim-MN). 11815 same in 39 ds. for ms. (George-NC). Radio Marumby 9675 f/d "South Marsh Beach" cd. in 20 ds. for a PT rpt. (Mikell-IL).

Radio Guaiba 5965 p/d cd. in 1 mo. for a PT rpt. and 2 IRCs. v/s Werner \* Volk, Superintendente. (Plum-NJ). Radio Nacional do Cruzeiro do Sul 4765 f/d prepared cd. in 3 wks. for a PT rpt. v/s Maria de Oliveira da Silva.

\* (Wilkins-CO). Radio Anhanguera 4915 p/d cd. in 6 mo. for a PT rpt. and ms. v/s Jose Carlos Silva, Director Artistico. (Lobdell-MA). Radio Nacional do Brasil 15290 f/d cd. w/ sticker in 4 mo. for an EG rpt. (Plum-NJ).

**BULGARIA:** Radio Sofia 9700 f/d "Nessebar" cd. in 1 mo. (Plum-NJ). 15110 cd. in 2 wks. (Dickson-OH).

**BURMA:** Burma Broadcasting Service 5985 \* "Logo" cd. in 120 ds. for 2 IRCs. (O'Riordan-ID).

**BYELORUSSIA:** Radio Moscow via Minsk on 15150 f/d cd. in 60 ds. (Choroszy-ME).

**CAMEROON:** Radio Bertoua 4750 f/d form ltr. in 53 ds. for a FR rpt. v/s James Achanyi-Fontem. (Palmerheim-MN).

**CANADA:** Radio Canada International 15325 f/d cd. in 48 ds. w/ pennant. (Krist-VA). 17820 f/d "Council" cd. in 51 ds. w/ sticker and pennant. (Fortney-PA).

21695 "Arts" cd. in 18 ds. (Choroszy-ME). BBC via RCI 17830 n/d "Bridge" cd. in 44 ds. (Palmerheim-MN).

**CANARY ISLANDS:** Radio Exterior de Espana 15365 via Tenerife f/d "Diaz Aet" cd. in 1 mo. for 1 IRC (which was returned). (Hosmer-MI).

**CELEBES:** RRI Ternate 3345 mimeo ltr. in 420 ds. v/s Rusdy Bachmid, Kepala. \* (Darling-UK). RRI Kendari 4000 personal ltr. in 30 ds. for an IN rpt. & ms. v/s Drs. Eddy Sihombing. (Bryant-CK).

**CHILE:** Radio Universidad de Concepcion 6135 p/d cd. w/ small pennant in 64 \* ds. v/s Carlos Godoy Rocca. (Barrera-ARG). Radio Nacional de Chile 15150 f/d ltr. w/ pennant in 20 ds. (Barrera-ARG).

ltr. w/ pennant in 20 ds. (Barrera-ARG) \* Radio Patagonia 6080 ltr. in 1 mo. after a f/up rpt. and ms. v/s Luis A. Ojeda Ojeda, Director (Sparks-CA).

**CHINA:** Radio Peking 17680 f/d cd. in 29 ds. (Krist-VA).

17855 f/d cd. in 25 ds. (Eisele-CA). "35th Anniversary" cd. in 26 ds. (Wilkins-CO). same in 1 mo. (Hartsell-CA). "Great Wall" cd. w/ bookmarkers in 3 wks. (Plum-NJ). CPBS 9080 f/d cd. in 24 ds. (Palmerheim-MN).

\* Sichuan PBS 6060 f/d cd. via Peking in 38 ds. (Palmerheim-MN). Yunnan PBS 4760 f/d cd. via Peking in 1 mo. (Palmerheim-MN).

\* Guangxi PBS 4915 f/d "Fragrant Hills" cd. in 26 ds. via Peking. (Wilkins-CO).

**COOK ISLANDS:** Radio Cook Islands 11760 f/d cd. in 26 ds. for 2 IRCs v/s Nooroa E. Tangaroa. (Loh-AZ).



**РАДИО МОСКВА**

**RADIO MOSCOW**

This verifies your report on the reception of Radio

Moscow - broadcast for North America

Date February 23, 1961

Time 03:15-03:30 GMT

Frequency 4860 MHz via Moscow.

**SOMOS  
AMAR  
DO MOTOR  
E DA FLOR**

**VOLANTES DA FRATERNIDADE  
SERVIÇO SOCIAL  
RÁDIO**

**TUPI**

**RÁDIO NACIONAL DE ANGOLA**

CUBA: Radio Habana Cuba  
17750 f/d "Colony  
Motel" cd. in 185 ds  
(Hosmer-MI). Radio  
Moscow 9600 via Hay-  
ana f/d cd. in 48 ds  
(Dillaman-MI).

CZECHOSLOVAKIA: Radio  
Prague 11990 and  
7345 f/d cds. in 75  
ds. (Fortney-PA).

ECUADOR: HCJB 11915 f/d  
"Flower" cd. in 35  
ds. (Krist-VA). 15155  
cd. in 5 wks. (Plum-  
NJ). Radio Zaracay  
3390 personal ltr.  
in 26 ds. after a f/  
up rpt. for ms. v/s

Elsay Cun C., Secretaria. (Darling-UK). Radio Splendit 5025 n/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Nancy Cardoso R., Secretaria. (Gliksman-IL). Radio La Voz del Triunfo 3252 f/d prepared cd. and personal ltr. in 6 wks. after a f/up rpt. for a SP rpt. and ms. v/s Edison Yanez B., Director. (Lazarus-LA). Radio Luz y Vida 4850 n/d personal ltr. in 47 ds. for a SP rpt. and ms. (Choroszy-ME). Radio Paz y Bien f/d "Logo" cd. w/ ltr. in 7 wks. for a SP rpt. and 1 IRC. Pennant rcvd. v/s Enrique Pesantez G., Gerente. (Gliksman-IL). La Voz del Napo 3280 f/d cd. w/ pennant and ltr. in 35 ds. for a SP rpt. v/s Hariberto Alvarez. (Barrera-ARG). Radio Iris 3380 p/d ltr. in 36 ds. v/s Daniel Alvarez T. (Barrera-ARG).

EGYPT: Radio Cairo 9475 f/d "Sadet Memorial" cd. in 3 mo. (Leite-MA). cd. in 80 ds. (Krist-VA). cd. in 166 ds. for 2 IRCS. (Reinecker-PA).

ENGLAND: VOA 7170 via Wofferton f/d cd. in 18 ds. (Hosmer-MI). 15205 cd. in 86 ds. via Vienna. (Clifford-PRG). BBC 11910 n/d cd. in 22 ds. (Mayer-PA).

Radio Pandora 6301 ltr. in 25 ds. for SASE. v/s Tony Allen. 50 watts!  
• (Darling-UK). Radio Freedom 7325 ltr. w/ info sheet in 11 ds. for 2 IRCS  
• (Darling-UK). Radio CBN 6225 (via Britain Radio International) cd. in 25  
• ds. v/s Chris Markham. (Darling-UK). Radio UK International 7352 mimeo  
• ltr. in 15 ds. for SASE. 15 watts! v/s Paul Johnson. (Darling-UK). Anchor  
Radio 6256 n/d ltr. in 55 ds. for SASE. 20-25 watts! (Darling-UK). Radio  
Canada International 7130 via Daventry cd. w/ sticker and pennant in 29  
ds. (Darling-UK).

EUROPEAN RUSSIA: Radio Moscow 15425 via Kenga f/d cd. in 51 ds. (Palmerheim-MN). 17850 via Moscow cd. in 51 ds. (Palmerheim-MN). 9785 via Armavir cd. in 51 ds. (Palmerheim-MN). 15370 via Serpukhov f/d cd. in 39 ds. (Dillaman-MI). 15320 via Kinigsapp cd. in 38 ds. (Purdum-MI).

FEDERAL REPUBLIC OF GERMANY: VOA 3980 via Munich f/d cd. in 22 ds. (George-NC). Bayerischer Rundfunk 5085 p/d "Munich University Observatory" cd. in 35 ds. for ms. (George-NC). Radio Liberty 11770 via Biblis p/d "Map" cd. in 17 ds. (George-NC).

FINLAND: Radio Finland 21475 n/d "Listeners" cd. in 21 ds. (Choroszy-ME).  
FRANCE: Radio France International 17850 f/d "50th Anniversary" cd. in 18  
ds. (Krist-VA). 25900 same cd. w/ pennant in 50 ds. (Palmerheim-MN).

RADIO DIFUSORA  
PATAGONIA CHILENA  
S. BULWELLER 1177 403232-2  
PASEO CENTRAL 1177 403232-2  
CIUDAD DE COYHAIQUE



COYHAIQUE

Dear Sir,  
Thank you for your reception report  
dated 13<sup>th</sup> Jan. ARZ on our 4785 Kc/s  
transmission which is confirmed

Power 50 Kw

Aerial Quadrant - omnidirectional

Yours faithfully,

*Stodumy*  
CHIEF ENGINEER.

RADIO TANZANIA



MR. NATAN MURFI

7939 4<sup>th</sup> St. N.W. SP 30

Albuquerque, New Mexico

Luis A. Ojeda Ojeda Director Responsable  
de Soc. Radio Patagonia Chilena Ltda, muy estimado y buen  
amigo Don Ronald Howard, con mucha satisfacción  
he podido apreciar su generosidad y buena volun-  
tad que ha tenido en enviarme una carta informe,  
de recepción. Algún día puede ser que lleque a  
este lejano y hermoso territorio de la región de  
Aysén-Chile, para así agradecerle su exquisita  
atención. Adjunto algunos antecedentes de nues-  
tra zona Austral de Chile.

Coyhaique, 21 de junio de 1982.



**LUXEMBOURG:** Radio Luxembourg 6090 f/d cd. in 39 ds. for 1 IRC. (Wilkins-CO). same in 13 ds. for 2 IRCs. (George-NC).

**MALAGASY REP:** Radio Nederland 9715 f/d "Sower" cd. in 15 ds. (Plum-NJ). 15220 f/d "Art" cd. w/ sticker in 41 ds. (Fortney-PA).

**MALAWI:** Malawi Broadcasting Corp. 3380 f/d form ltr. in 38 ds. for a FR rpt. (Leite-MA).

**MALAYSIA:** Radio Malaysia 7295 via Penang p/d ltr. in 20 ds. for 1 IRC. v/s Ooi Beng Huat, Engineer in Charge (Wilkins-CO).

**MALTA:** Deutsche Welle 9590 f/d "EDXC" cd. in 3 1/2 mo. (Plum-NJ). 15105 n/d "46 ds. (Palmerheim-MN).

**MEXICO:** Radio Mexico 15430 f/d cd. w/ sticker in 34 ds. (Fortney-PA). cd. in 2 mo. for a SP rpt. and 1 IRC. (Dickson-OH)

**MONACO:** TWR 9495 f/d "Antenna" cd. w/ pennant in 7 wks. for 2 IRCs. (Plum-NJ).

**MONTSERRAT:** Deutsche Welle 9545 cd. in 15 wks. (Gliksman-IL)  
**NEW BRITAIN:** Radio West New Britain 2340 f/d "Map" cd. in 11 wks. for ms. (Wilkins-CO).

**NEW IRELAND:** Radio New Ireland 3905 f/d ltr. in 3 wks. for 3 IRCs. v/s J. Mallisa, Provincial Station Manager. (Mikell-IL)

**NEW ZEALAND:** Radio New Zealand 15485 f/d cd. w/ pennant in 15 ds. (Eisele-CA).

**NICARAGUA:** La Voz de Nicaragua 5950 n/d ltr. in 137 ds. for a SP rpt. and gringo dollar. Pennant rcvd. v/s Rudolfo Garcia G., Director. (George-NC). personal ltr. in 4 mo. for a SP rpt. and 2 IRCs. Pennant rcvd. (Plum-NJ). same in 140 ds. for 2 IRCs. (Dillaman-MI).

**NIGERIA:** Voice of Nigeria 15120 f/d "Remembrance Arcade" cd. in 239 ds. for 3 IRCs. (Christopher-NJ). **FRCN Kaduna** 4770 f/d form ltr. in 44 ds. after 3rd rpt. for 3 IRCs. v/s Ismaila Mohammed. (Mikell-IL).

**OMAN:** Radio Oman 11890 beautiful new folder cd. in 15 wks. for ms. v/s P. K. Choudhury. (Howard-CA). same in 18 mo. (Gliksman-IL)...You're right!

This QSL is probably the most beautiful I've ever seen...Sam.

**PAKISTAN:** PBC 21595 p/d "Winter in Muree" cd. in 162 ds. for 2 IRCs. (George)

**PAPUA NEW GUINEA:** Radio Milne Bay 3360 f/d ltr. in 63 ds. for ms. v/s J.W. Duigu, Station Manager. (Bryant-OK). f/d cd. w/ ltr. in 7 wks. for ms. (Wilkins-CO). **Radio Morobe** 3220 f/d "Map" cd. in 7 wks. for 1 IRC. v/s

\* Robin Wainetti. (Gliksman-IL). same in 24 ds. for ms. (Wilkins-CO). **Radio Eastern Highlands** 3395 f/d cd. in 59 ds. for ms. v/s Lloyd Guvil, Station Technician. (Bryant-OK). **Radio West Sepik** 3205 n/d personal ltr. in 7 wks. for ms. v/s Raka Saini, Station Manager.

\* (Wilkins-CO). **Radio Northern Province** 2468 f/d "Map" cd. in 1

mo. v/s John Bill Tolcome, Station Manager. (Gliksman)

**PARAGUAY:** Radio Nacional 11915 n/d ltr. in 17 ds. for a SP rpt. and 2 IRCs. v/s Carlos Montaner. (Hosmer-MI). same in 3 wks for 2 IRCs. (Plum-NJ).



BOLETIN CULTURAL

RADIO UNIVERSIDAD

X E N Q

Este cartão confirma a recepção de nossa emissora.

**ZYD 66**  
**OM-940 KHz**  
**OT-4875 KHz**  
**FM-99.7 MHz**

no dia  
20.02  
às  
19:00  
horas

Agradecemos o seu interesse e esperamos que tenha outros momentos de prazer ouvindo a Rádio Jornal do Brasil.

*Signature*  
p/ Rádio Jornal do Brasil

ZYG-680

"Broadcast Center" cd. in



HCJB

**RADIO ALFONSO EDUÁ**

1931-1981



Pio XI e Guglielmo Marconi

**RADIO VATICANA**



QSL

**PERU: Radio del Pacifico 9675**

f/d "Machu Picchu" cd. in 35 ds. for a SP rpt. and ms. (Mikell-IL).

\* **Radio Huancayo 5955 ltr** in 3 mo. for a SP rpt. and ms. v/s Juler Valdiglesias C. (Sparks-CA).

\* **Radio Oriente 6190 ltr.** in 6 mo. for a SP rpt. and ms. Pennant revd. v/s Ricardo Arevalo Flores. (Sparks-CA).

\* **La Voz de la Selva 4825 n/d cd.** for ms. v/s Teresa Perez Valera, Secretaria. (Darling-UK). **Radio Moderna 4300 f/d** prepared cd. w/ personal ltr. in 6 wks. for a SP rpt. and ms. v/s N. Alejandro Diaz Chavez, Director-Gerente. Addr: Av. Aviacion Nro. 334, Cajamarca. (Lazarus-LA). **Radio Cultural Amauta 4955 personal ltr.** w/ prepared cd. in 7 mo. for a SP rpt. and ms. v/s Saturnino Gavilan N., Administrador. (Lazarus-LA)...Very nice selection!

**PHILIPPINES: FEBC 11890 f/d cd.** in 22 ds. (Eisele-CA).

**POLAND: Radio Polonia 9525 f/d "Lazienki Park"** cd. in 75 ds. (Krist-VA). 11815 and 6135 f/d B&W cd. w/ pennant in 2 mo. (Barto-CT).

**PORTUGAL: Radio Renascenca 11730 p/d cd.** in 6 wks. for a PT rpt. and 2 IRCs (Plum-NJ). ltr. w/ cd. in 6 mo. for a PT rpt. and 2 IRCs. (Lazarus-LA).

**Radio Portugal 11925 f/d "Lisbon Zoo"** cd. in 22 ds. (Krist-VA). 9575 cd. in 33 ds. (Eisele-CA). **AWR Radio 9605 f/d "Logo"** cd. in 26 ds. for 1 IRC (Palmerheim-MN). 9670 cd. w/ pennant in 29 ds. for 2 IRCs. (Clifford-FRG)

**QATAR: GBS 17910 f/d "Map"** cd. in 29 ds. for AR rpt. and 2 IRCs. v/s Jaccim M. Al Qattan. (Barrera-ARG)...Could you send me a copy of the AR rpt form?

**ROMANIA: Radio Bucharest 11940 f/d "Foresters Daughter"** cd. in 73 ds. w/ pennant. (Krist-VA). 15380 f/d "Spring" cd. in 3 mo. (Plum-NJ).

**RWANDA: Deutsche Welle 11965 f/d "EDXC"** cd. in 31 ds. for 2 IRCs. (Bryant-OK). **SENEGAL: Radio General 7210 cd.** in 1 yr. for 2 IRCs. (Leite-MA).

**SEYCHELLES: FEBA 15385 n/d "Logo"** cd. in 35 ds. for 3 IRCs. (Hosmer-MI). 15200 same in 3 wks. for 3 IRCs. (Plum-NJ).

**SICILY: RAI 7175 via Caltanissetta f/d "Bernini"** cd. in 33 ds. for 1 IRC. **SIERRA LEONE: SLBS 5980 f/d ltr.** in 42 ds. for 2 IRCs. v/s H.A. Lynch. (Port

**SINGAPORE: Radio Singapore 11940 f/d cd.** in 36 ds. (Eisele-CA). nay-PA). cd. in 32 ds. for 3 IRCs. (Sharpe-CA).

**SOLOMONS: SLBC 5020 f/d "Logo"** cd. in 29 ds. for 1 IRC. (Krist-VA). **SPAIN: Radio Exterior de Espana 11880 f/d "Diaz"** cd. in 29 ds. (Paszkwicz-

WI). f/d "Marineros" cd. in 1 mo. (Plum-NJ). **SRI LANKA: VOA 15250 f/d cd.** in 22 ds. (Choroszy-ME). **SLBC 15425 f/d cd.** in 213 ds. (Choroszy-ME). **AWR Radio via SLBC 11835 f/d "RMI"** cd. w/ pennant in 36 ds. for 2 IRCs. v/s Jose Jacob. (Palmerheim-MN).

**SOUTH AFRICA: Capital Radio 3930 cd.** in 6 wks. (Sparks-CA). **SUMATRA: RRI Pekanbaru 5885 ltr.** in 2 mo. after 5th rpt. in IN. v/s Zainal

Abbas, Kepala. (Darling-UK). **SURINAM: Radio Anintie 4995 f/d ltr.** w/ pennant in 40 ds. for 2 IRCs. (Barr-



# World Music Radio

through the day...  
into the night!



P.O. Box 4078 Amsterdam - Holland

## RADIO "PRESIDENTE BALMACEDA"

Calle Nueva York 53 - 7.º piso - Casilla 13650

### SANTIAGO - CHILE

**MEDIUM WAVE**

via Jim Kowalski

**SHORT WAVE**

CE-130 - 1.300 KC.

CE - 597 - 5975 KC

CE 960 - 9.600 KC

POWER: 10 KW

POWER: 1 KW

10 KW

FREQUENCY: 1.300 KC

FREQUENCY: 5.975 KC

9.600 KC

ANTENNA: Mast-1/4 lambda

ANTENNA: Direct.

Direct. N-S

Dear Sir:

N-S

High 72 Feet

We are most pleased to acknowledge receipt of your report of 30 Novbre. 1968

and in this connection we are pleased to confirm

that in fact you tuned in our Radio - Station.

Very thank you for your kindness. Sincerely yours.

Santic o (Chile) Enero 5 1968

**SWAZILAND:** Radio Paralelo 27(SCR Radio) f/d cd. in 6 wks. for 1 IRC. v/s  
 \* Bill Cookson, Chief Engineer. (Howard-CA).  
**SWEDEN:** Radio Sweden International 11705 f/d "Logo" cd. in 11 ds. for 2 IRCs  
 (Kendra-PA). 9630 cd. in 11 ds. (Darling-UK). 21615 f/d "Logo" cd. in 11  
 ds. (Hosmer-MI). (Palmerheim-MN).  
**SWITZERLAND:** Swiss Radio International 25780 f/d "Studio" cd. in 26 ds.  
**TANGIER:** VOA 15205 f/d cd. in 13 ds. (Bryant-OK).  
**TURKEY:** Voice of Turkey 7155 p/d "Butterfly" cd. in 6 wks. (Barto-CT). 9560  
 f/d cd. w/ pennant in 4 mo. for 1 IRC. (Plum-NJ).  
**TURKEMEN SSR:** Radio Moscow 15295 via Ashkhabad f/d cd. in 5 wks. (Howard-CA).  
 same in 35 ds. for 2 IRCs. (Bryant-OK).  
**TOGO:** RTVT 5047 f/d "Map" cd. in 262 ds. for a PR rpt. (Barrera-ARG).  
**UGANDA:** Radio Uganda 15325 f/d "Building" cd. in 4 mo. for 2 IRCs. (Leite).  
**UKRAINIAN SSR:** Radio Kiev 11735 f/d "Windsurfing/Bridge" cd. in 59 ds.  
 (Portney-PA). f/d "DX Club" cd. in 32 ds. (Krist-VA). f/d cd. in 11 wks.  
 (Kohlbreuner-PA). Radio Moscow via Lvov 17845 f/d cd. in 60 ds. (Choroszy).  
**UNITED ARAB EMIRATES:** Dubai Radio and Colour TV 15300 f/d cd. in 5 wks. for  
 1 IRC. v/s H. Parker, Chief Engineer. (Dickson-OH). 17775 same cd. in 43  
 ds. for an AR rpt. (Barrera-ARG). 21655 f/d cd. in 28 ds. (Krist-VA).  
**USA:** WRNO 6155 diploma in 2 mo. for ms. (Sparks-CA). VOA 26000 via Bethany  
 f/d "40th Anniversary" cd. in 16 ds. (Clifford-FRG). 15410 via Greenville  
 f/d "Golden Gate" cd. in 13 ds. (Bryant-OK). Voice of Free China via WYFR  
 5985 f/d "Paper Cutting" cd. w/ sticker, album, stick pin in 3 mo. (Plum-  
 \* NJ). Radio Clandestine 6020 f/d ltr. in 36 ds. for ms. v/s R.F. Burns.  
 \* (Portney-PA). Radio Mambi/La Voz de la Junta Patriotica Cubana 7082 f/d  
 prepared cd. in 60 ds. for an EG rpt. and ms. v/s Capt. A.S. Alvarez.  
 \* Addr: Box 970155, Miami, FL. 33177. (Reinstein-FL). WART 1620 f/d ltr. in  
 5 ds. (Decker-NY).  
**USSR:** Radio Moscow 11700 f/d cd. in 2 mo. w/o site. (Dickson-OH). 11750 cd.  
 in 40 ds. (Krist-VA).  
**UZBEK:** Radio Tashkent 9650 f/d cd. in 36 ds. (Dillaman-MI). 15460 f/d cd.  
 in 40 ds. (Krist-VA). dra-PA).  
**VATICAN:** Radio Vatican 11845 f/d "Antenna" cd. in 12 ds. for 2 IRCs. (Ken-  
**VENEZUELA:** Radio Frontera 4760 cd. in 1 yr. after a f/up rpt. for a SP rpt.  
 and ms. v/s Modesto Marchena. Card was postmarked from Cucuta, Colombia  
 but return address was given as Carrera 5 entre Calles 3 y 4, San Antonio  
 Venezuela. (Sparks-CA). Radio Rumbos 4970 f/d "Autopista Caracas - La  
 Guaira" in 209 ds. for a SP rpt. and ms. (George-NC). 9660 f/d "Rio Caroni"  
 cd. in 4 mo. for a SP rpt. and 1 IRC. (Dillaman-MI). Radio Sucre 4960 f/d  
 prepared cd. in 9 mo. for a SP rpt. and ms. This was 5 weeks after a f/up  
 rpt. (Lazarus-LA). Radio Tachira 4830 colorful pennant rcvd. in 1 mo. for  
 a SP rpt. and ms. (Plum-NJ).  
**WEST IRIAN:** RRI Jayapura 9610 f/d cd. in 24 ds. v/s Muhammad Ely. (George-NC)  
**YEMEN ARAB REPUBLIC:** Radio Sana'a 9780 p/d ltr. in 9 wks. for 2 IRCs. (Kohl-  
**ZAMBIA:** ZBS 4911 f/d cd. in 36 ds. for 2 IRCs. (Barrera). breuner-PA).



**RÁDIO ANHANGUERA**

Rádio Anhanguera S/A

JOSÉ CARLOS SILVA  
Diretor - Artístico

Goiânia, 29 de outubro de 1982.

CHRIS LOBDELL

P.O. BOX 146 - STONEHAM, MASS. 02180 - U.S.A

Acusamos o recebimento de sua carta e confirmamos  
 -, de acordo com a nossa programação, a sua recep-  
 ção (17 de abril de 1982) da nossa frequência.

Atenciosamente,

José Carlos Sila - Diretor Artístico.

This time we had a very good representation from 110 different countries. Some very good QSLs from Bolivia, Peru, USA, and others. Have a very Merry XMAS, Happy Holiday Season and may you find that little something that your looking for under the tree.



Televisão Anhanguera S/A  
Cozinha  
Anapólia  
Gurupi - Araguaina

J. Câmara & Irmãos S/A  
O Popular  
Gráfica O Popular  
Jornal de Brasília

Rádio Anhanguera S/A  
Rádio Araguaina Ltda.  
Cozinha - Brasília  
Araguaina

# update

December 1982\*\*\*Number 128

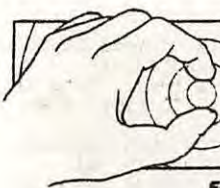
Tom Allemen  
615 W. 43rd Terr., Apt. 6  
Kansas City, MO 64111 USA  
(816) 931-5943 7-10 pm Central only

UPCOMING DEADLINES: 9 December (Mid-Dec) 18 December (January '83) 10 January (Mid-Jan)

Reproduction permitted provided credit is given original reporter and NASWA UPDATE. Dates, times and days are GMT; freqs are kHz.

- AFGHANISTAN** Kabul, 4740, tentative 1200-05 in lang; fair. Surprised with this in AM, wailing mx and M anncr in lang w/ talk. (Klein, NJ)
- ANGOLA** Bassacoongo, 4886, presumed in PT 2119-2206\*. Many mentions of Angola, but no ID. Thought a mention of Zaire 2131. Good mix of mx from highlife to mellow material. Stevie Wonder tune 2150. M anncr between, but a W on tape 2153. M w/ closing stuff 2158, anncr 2204, plug 2206. Strong but suffering from QRM and static. (John Moritz, OH 10-25)+++Rnac, 11955, in PT 0527-53; BBC off until 0553 when back on in mid-sentence. Mixed bag of mx, W anncr, ID 0530, Programa A anncmt, songs, comment on Brezhnev death. (JbaWilkins, CO 11-13)
- BRAZIL** R. Cl. Marilia, 3235, in PT 2315-35. Talk by M&W to 2327, ID by M: " ? ondas medias, 1090 kHz, ondas tropicais, 735 kHz, emissora ? , Marilia, Sao Paulo," and into pgm of band mx. (Henry Lazarus, LA 11-9)+++R. Nac. Tabatagins, 4815, in PT \*1002-10; vy good. S/on w/ mx, M anncr, ID and RadioBras net plug, freqs and mx. (Klein, NJ)---Same, 0150-0220 in absence of Guatapuri w/ two men in PT talk from t/in to 0205 ID. Then M in PT ballad. M anncr back 0209 w/ another ID and talk to 0215. Presumed nx 0220. Strong but somewhat muffled at times. Still going at 0345 recheck. (Moritz, OH 10-24)
- BURMA** Rangoon, 4725, tentative 1140-1200 fade out, in lang. Fair, ute on low side. Weird vocal mx, W anncr in lang, and more of same mx. No ID. (Klein, NJ)
- BURUNDI** Bujumbura, 3300, in FR 0320-30; fair. M anncr, talk, drum-chant style Afr mx, M anncr back, nx on half hour. (Klein, NJ)
- CAMEROON** Bertoua, 4750, in FR 0430-35; fair in QRM. M anncr, possible s/on and into drums and chanting. (Klein, NJ)
- \*\*\***CAPE VERDE IS.** Em. Oficial, 7154, in PT as follows: 11-11 \*0738 NA, M anncr, s/on, soft vocals to 0801, ID, two note gong, nx by M. 11-13 0723 t/in on 7155, soft vocals to 0745 tune out but noted at 0826 on 7154. 11-17 \*0735 NA, s/on by M, same type pgms as above, gongs 0901 and off. Generally seems to s/on earlier on weekends, daily pgms are the same until end of nx 0810 and then variable. Fade varies 0845-0901. Usually peaks around 0755. Always BBC/ARO QRM. (Wilkins, CO)
- CHILE** R. Patagonia Chilena, 6080, in SP \*0930; fair. ID, theme tune, vocals, R. Nac. nx 0989. (Jack Jones, MS 10-27)
- CLANDESTINE** R. Venceremos, 6684, in SP 0232; vy good. Long anthem, ID, patriotic slogans by M &W. (Jones, MS 10-27)
- COLOMBIA** E. Meridiano 70, 4925, in SP 0930-40; vy good. Evidently decided to come back on the air. Typical Colombian format. (Klein, NJ)+++LV de los Centauros, 5955, in SP 0948-1005. Accordian and campo mx, 0959 ID? "Marchamos con el progreso del pueblo Llanero, somos, LVdIC, transmite desde Villavieja, capital del departamento del Meta." Freqs, rumba mx and dedications. (Wilkins, CO 11-13)+++Rdf Nac de Colombia, 15333, in SP 0258; good. ID by W, gongs, ID by M: "desde Bogota, transmite R. Nac. de Colombia." Into mx by Bartok. (Jones, MS 10-23)
- COSTA RICA** R. Rumbo, 6074, in SP 1003; good. ID, call, greetings to listeners. Slipped down here from usual 6076. (Jones, MS 10-24)
- ECUADOR** LV del Rio Tarqui, 3285, in SP 1025; good. Many IDs, TCs, pop mx, some local sounding. (Jones, MS 10-24)+++R. Paz y Bien, 4820, in SP 0853-0930; classical mx to 0906 s/on anncmts and NA, pgm information, "amanecer Andino" pgm 0915, sever UTE QRM. (Wilkins, CO 11-11,13)
- EGYPT** Cairo, 9475, in EG 0302-30; women's nx pgm and regular nx pgm. Into world nx 0316. (Kinchen, TX 11-11)
- GERMANY (Fed Rep)** SDR, 6030, in GM 0735-40; vy good. Local "mountain mx"---guess it could be called a polka. M anncr. (Klein, NJ)---Same, 0739-57; local mx, M anncr and ads. (Vlad Cucura, PA 11-11)+++Bayerrischer Rundfunk, 6085, in GM 0730-35; vy good. Nice GM MoR and folk vocals, M anncr. (Klein, NJ)+++R. Bremen, 6190, in GM 0643-54; M w/ phone in talk show, local mx and ID. Poor. (Cucura, PA 11-11)+++SWF, 7265, in GM 0632-57. M w/ pgm of American and GM mx. ID 0648 and ads. (Cucura, PA 11-16)
- GRENADE** RFG, 15045, in EG 2341-0005. Featuring mx of St. Lucia, ID as RFG and Voice of the Revolution. Anncmts for International Students Day, Nat. Table Tennis Championship. Good. (Tom Gavaras, MN 11-13)
- HONDURAS** R. Jucicalpa, 4781, in SP 1130; vy good. ID, TC, greetings to listeners, including any in Costa Rica. Ranchera mx. (Jones, MS 11-6)
- INDIA AIR** Gauhati, 4775, tentative 1205-15 f/out. Poor. Subcont mx, talk by M in lang, no ID possible. (Klein, NJ)
- INDONESIA** RRI Manokwari, 3427, in IN 1238-43; fair. Local pops, all by same W, W anncr. (Wilkins, CO 11-11)
- KAMPUCHEA** VoPK, 11938, 1200-1315 in various langs. EG to 1215, FR to 1230, Thai to 1245, Laotian to 1300, Viet to 1315\*. Poor to 1245 when sig got much better. NAs, many mentions Kampuchea and IDs. Mostly W anncr. (Minn DX Club DXpedition via Blix, 11-14)
- LEBANON** Vohope, 6215, in EG 0437+. M w/ religious talks and nx, pop tunes, ID. (Cucura, PA 11-16)+++VCL, 6550, 2106-26\*; AR type singing to 2113; W on in lang presumed AR. Nx 2118 Short anthem piece 2125 and OC. (Moritz, OH 11-9)





# LOG REPORTS

## section A

2000 to 4899 kHz

Editor: Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

We'd like to start off this month by apologizing for the number of typos last month, and for the appearance of the column this month. We've been under much pressure, timewise, but hopefully with the end of the month much of that will be ended. We have a passel of loggings this month, so lets get right to them!

- \*2340 NEW BRITAIN R.W.N.B.; 0915 PD tkl by OM, lcl mx & songs, the best of the 120 M PNGs. f/g(Moman 10/23)
- 2390 MEXICO R.Huayacocotla; 2355 Usual px of Mex mx, M & W/ann in SP, IDs. (Perdue 10/21) 0025 M & W/ann, EZ inst mx sels to nx 0038, ID & s/off ann 0103, 0105\*. (Alexander 11/7)
- 2410T BRASIL R.Transamazonica; 0945 Singing & tkl in PT. Signal fighting rx noise, but noise winning! p(Bolland 10/30)
- \*2746 KOREA.N. Sinuiju; 2155 Lite, non-polit mx. g(Wood-SA 10/20)
- \*2850 KOREA.N. Pyongyang; 1124 Blasting in w/orch mx, just before lcl sunrise. (Reinstein-Canav-11/14)
- \*3015 KOREA.N. Pyongyang; 1120 KR tkl by W, orch mx. g(Reinstein 11/14)
- 3210T MOZAMBIQUE Maputo; 0255 ID, tkl. p/wk(Dickson 11/1)
- 3222 TOGO Lama-Kara; 2221 Px of EZL mx, M/ann 2230 w/ID as R. Kara. g(Valko 10/11) 2300T M/ann w/lang s/off ann, choral NA, 2303\*. (Perdue 10/25) Noted here quite often, tho never strong--sddk
- \*3223 INDIA AIR Lucknow; 1630 HD tkl, alt M & F/ann. wk(Darling-UK)
- 3225 BRASIL Lins R.Cl.; 2325 PT vocal groups w/usual fare, M/ann, ID, Occidente underneath & dominant by 2340. (Perdue 10/23)
- 3225 VENEZUELA R.Occidente; 2304 Couple ID at t/in, orch mx, tkl by W. No Lins QRM this PM. (Perdue) 0145 Slo tempo lcl vocals, M/ann w/TC, ID. Bad QSB. f(Gilster 10/28) 0235 LAM mx, ID 0242. (Dickson 10/30) 1027 OM ID, tkl, LAM mx. p(Hensley 10/27)
- \*3230 PERU R.El Sol de los Andes; 2325 M/ann w/SP tkl px, maybe polit in nature. Many IDs. Noisy, but otherwise nice. (Moritz 10/17)
- 3235 BRASIL R.Cl. Marilia; 2255 Ranchero mx, M w/trl, many ment Marilia. (Perdue) 2315 Tkl by M & W, ID, mx px. (Lazarus 11/9)
- \*3235 INDIA AIR Gauhati; 1630 Ind mx play. f/QRM(Darling-UK 10/18)
- 3240 PERU R.America; 0840 SP ID by M, SP pops. //6010. (Alexander 11/7) 0934 Mx & canned ID to more mx. vg(Bolland 10/29)
- 3255 LIBERIA LBS; 2215-0002\* Usual px of mx & tkl. (6 rep)
- 3255.9 VENEZUELA LV de El Tigre; 0325-0400\*, \*0953-1020 Typical YV px w/mx, tkl, ads, IDs, etc. (Alexander, Bolland, Jones, Mellberg, Walcutt)
- 3260 ECUADOR LV del Rio Carrizal; 0315 OM DJ w/HC vocal mx px. S/off 0330 w/full ID & NA. (Murff 11/13) =(Perdue 10/24)
- \*3275 BRASIL Bauru R.Cl.; 2305 US pops, M w/PT tkl, many ment Bauru. =
- 3275 VENEZUELA R.Mara; 0050-0400\*, \*0958-1015 Typical YV px. (8 rep) UK
- \*3277 KASHMIR R.Kashmir; 1600 Ind mx & K'miri ann. f/strong QRM(Darling-UK)
- 3279.8 ECUADOR LV del Napo; 0958 'Tropical' style mx to 1001 s/on ann & ID into mx 1006, foll by Ave Marias. (Walcutt 10/17) 1023 Ranchera mx, TC/ID 1034, mx, OM tkl. f(Mellberg 10/20)
- 3285 ECUADOR LV del Rio Tarqui; 1012 TC, mx, ID 1020. f(Bolland 10/24) 1025 Many ID, TC, pop mx, some w/HC sound. f(Jones 10/24)
- 3295 BRASIL R.Tapuic; 2330 Ranchero & accord mx, M & W/ann, ID(Perdue)
- \*3295 INDIA AIR Bombay; 1630 HD mx &/or tkl. Never strong but is readable most days. (Darling-UK)
- 3300 BURUNDI Bujumbura; 0320 M/ann w/FR tkl, ment Bujumbura, to drum/chant style Af mx, nx on  $\frac{1}{2}$  hr. (Klein 11/1)
- 3300 GUATEMALA R.Cultural; 0625 Running late w/mellow inst mx, ID by M 0632. Bad het(Moritz 10/17) 1210 SP tkl & mx. f(Lineback 10/30)
- 3306T PAFUA R.Western; 1215 Drums/chanting. EG TC 1226, back to mx. Hrd PNG ment 1229. f/out 1231, no ID. (Mellberg 10/4)
- \*3315 ECUADOR R.Pastaza; 0225 TC by M, string of IDs 0258. Vy bad UTE QRM (Reinstein 11/9) 0305T M/ann, LAM ballads, Andean mx. p during mag storm. (Perdue 11/1) 0340T OM w/px of slo LAM vocals, 0400\*(Murff)

- \*3315 INDIA AIR Bhopal; 1440 HD tkl on India-Pak rels. f(Wood-SA 10/14)  
 3320 KOREA, N. P'yongyang; 2205 KR polit tkl. f(Wood-SA 10/19)  
 3325 GUATEMALA R.Maya; 1100 Caught at end of SP ID & freqs. into mx, then 3 ID by M. g(Valko 10/7) 1149 Ranchera mx, ID 1202. f(Mellberg 10/27) 1200 ID, ann. mx. f(Lineback 10/30)
- 3325 ECUADOR Ondas Quevedenas; 0840 Mx to 0855 ID/TC, then more mx. Dead air from 0852-55 suggests DJ asleep! f(Bolland 10/30)
- 3326 NIGERIA Lagos; 2015 EG polit speech. g(Wood-SA 10/12)
- 3330T PERU Ondas del Huallaga; 1030 LAm mx px w/OM DJ, doing well agin' CHU some Ams. (Murff 11/11)
- \*3330 RWANDA Kigali; 1658 Kinyarwanda talks. f(Wood-SA 10/15)  
 3339T ZANZIBAR RTZ; 0302 M & W/ann w/SH tkl, east Af mx, freq ment of Tanz. (Murff 10/30) 0344 Long tkl, ment Tanz. CHU QRM. f(Miller)
- 3355 BOTSWANA Gaborone; \*0350 Barnyard IS, NA, ID, Af mx. f(Cobb 10/26) 0358 Chorus, M/ann w/ID, NA. f/out. f/p(Wilkner 10/26)
- 3360 GUATEMALA LV de Nahuala; 0114 ID, freqs, lcl ranchera. (Walcutt 10/21) 0152 Marimba & steel band mx, CM/ann w/ID & tkl. f(Jordan 10/27) 0211 Marimbas, tkl. (Mellberg 10/5) 1205 Mx. f(Lineback)
- 3365 BRASIL R.Cult. Araraquara; 2310 PT ballads, Cult ID by W. (Perdue 10/23) 0334 YL vocal, YL/ann. f(Nikolich 10/5)
- \*3365 INDIA AIR Delhi; 1600 Usually strong/solid signal, usually much stronger than 3295 Bombay & 3235 Gauhati. (Darling-UK)
- 3366 GHANA Accra; 2219 ID by M, ment GBC-2, freq, then "Twilight Song." g(Valko 10/11) This sta, this PM, has just ann a foiled coup--sdc
- \*3367 IRAQ Hurriyah; 2220 Polit tkl in Farsi, anti-Iran. g(Wood-SA 10/5)  
 3369 UNID 1132 OM tkl in ME lang, maybe Iraq? (Nikolich)  
 3370 GUATEMALA 0045 Ranchero Grande mx, ID, rosary. (Dickson 10/24)  
 Tezolutlan 0125 //4835 US pops & CM tkl, sev1 ID. (Mellberg 10/13) 0129 Marimbas, tkl by M. f(Gilster 10/29) 0210 as Unid marimbas. (Valko)
- 3375 BRASIL R.Nal. Sao Gabriel; 0927 Ranchero mx, PT tkl & singing DJ, full canned ID. g(Bolland 10/28)
- 3380.2 GUATEMALA R.Chortis; 0015 Marimbas, nasal Yucatan SP ID, freqs, etc. (Walcutt 10/21) 0250 S/off ann, ID, C254\*. (Mellberg 10/13) 0245T Marimba/ranchera mx, DJ tkl, 0306\*. (Alexander 11/5)
- 3380 MALAWI Blantyre; \*0252 Drum IS, lang tkl. vp(Choroszy 10/15) 1555 DJ show in EG, ads. g(Wood-SA 10/15)
- 3385 FRENCH GUIANA Cayenne; 0036-0205\*, \*0900-1000 Usual FR px. (7 rep)
- 3385 NEW BRITIAN R.E.N.B.; 1206 EG rock mx, OM DJ w/PD ann, ID, into more similar mx. f/p(Mellberg 10/29)
- 3394.7 ECUADOR R.Zaracay; \*1015 Jingle, mx, ann, mx from the old Superman show, full ID, into Andes flutes. (Walcutt 10/17)
- 3395 INDONESIA RRI Tanjungkarang; 2200 Warta berita (nx), is the best Indo regional here. (Wood-SA 10/19) SA=Saudi Arabia--sdc
- 3395 NEW GUINEA R.Ea. Hilands; 1249 US pops, CM/ann w/titles, ID 1258, date, freq, 1302\*. vg(Mellberg 10/11)
- \*3762V CLANDESTINE V.Masses of Iraq; 1430 s/on, AR ID-Huna Saut ul Jamaheer ul Eirakiya, shooting, shouting. Jumped to avoid jammer, in range 3735-3799, minute-to-minute. (Wood-SA 10/14)
- 3778.5 IRAN VoIRI; 1430 Farsi & AR rel poetry. g(Wood-SA 10/14)
- 3800 PERU R.Esmeralda; 1021 Quick ID at +/-in. into rustic CA mx. Nice till swamped by AROs. (Reinstein-Canav 11/14)
- 3910 JAPAN FEN; 1050 Songs & interview w/Manilow. Noted in // to 6155, both f. (Moman 10/23)
- 3925 JAPAN NSB; Johnny Cash album, OM DJ in JP. g(Moman 10/23) 2112 JP stock mkt. g(Wood 10/20) listed Sapporo--sdc
- \*3930 KOREA, S. KBS Suweon; 1130 F/DJ in KR w/EX mx px. (Murff 11/5)  
 3930 TRANSKEI Capital R.; 1700 EG nx, ID. f(Wood-SA 10/15)  
 3945 VANUATU RV; 0819 Nx in PD, ment UN, //7260, both f. (Moman)  
 3950 CHINA Qinghai PBS; 2205 CH polit tkl. g(Wood-SA 10/16)  
 3955 GREAT BRITAIN SBC; 0417 Nx about Britain. f(Krist 10/5)
- \*3960 CELEBES RRI Palu; 1157 Ann by W. nx by M 1200-1210, more tkl by M to 1230 anthem. Bad QRM off AROs. (Lazarus 10/17)
- 3985 KOREA, S. R.Echo of Hope; 1357 IS organ & KR inst, 3 songs at 1400, KR ID by M, P/ann w/long tkl. (Murff 10/16)
- 3985 SWITZERLAND SRI; 0556 Mx box IS, ID by W, pips 0600, nx. (Moritz 10/17) 0610 Swiss cnty mx, OM w/FR ID, freq, nx to 0625, IT 0630. vg(Jordan 10/31) 0635 IT nx, Swiss mx. g/ARO QRM(Luyster 11/11)
- 4000 CAMEROON Bafoussam; 2223 Tribal drums, chanting in lang. Running past sked 2230\*. (Reinstein 10/26) 2228 M/ann in FR w/pops & ID. ARO QRM(Wilkner 10/31) 2250 Drums & FR/lang ID, EG nx 2300, NA, 2303\*. (Choroszy 10/17) 0453 M & W tkl in lang, ID. (Cucura 10/26)

- \*4030 AsRSFSR Anadyr; 4030 RS tlc by CM, few sels mx 0725. //4485(Petro-Kam), 4050(Frunze), 4040(Yerevan) and others. f(Halbert 10/30)
- 4450 AFGHANISTAN Kabul; 0153 Briefly hrd w/reg mx. (Reinstein 11/14)
- 4500 CHINA Xinjiang PBS; 1128 Mixing w/VNG, CH flute mx & CH tlc by W. Not //4735 Uigher svce, also audible. (Reinstein 11/1)
- 4656 ECUADOR CRE; 0410 Nice guitar inst mx, full ID & freqs by M, NA interr by abrupt 0431\*. g(Gilster 10/16) 0427 S/off ann by M, couple ID, vocal NA & off. g(Valko 10/29)
- 4680 ECUADOR R.Nac. Espejo; 0328 LAm pops, SP ann. p(Kohlbrener 10/27)
- 4697 BOLIVIA R.Ribalta; 0240 Wide variety of mx, good sig at times, to 0411 t/out. g(Wilkner 10/24)
- 4699.3 JAVA RKIP Surabaya; Indo mx, M/ann in IN. wk/p(Darling-UK 10/17)
- 4710H COLOMBIA LV del Progreso; 2344 Typ HJ pops, IDs after each song, ment dpto. de Boyaca. Presume 3 x 1570 tho not listed. Do not confuse w/Abaroa sometimes here! (Reinstein) Tnx for word to the wise -- it is ill-advised to rely on listings to get the IDs for stations, especially in the tropical bands!--sdx
- 4710.5 UNID 0215 Fast LAm insts, ann. (Lineback 11/1) See above--sdx
- 4719 CELEBES RRI Ujung Pandang; 1139 2 M w/IN tlc, mx px 1145. ID on hr, then time pips, net nx. f(Bolland 10/24) 1445 OM tlc(Moman 10/23)
- 4725T BURMA SBS; 1140 Weird f/voc mx, F/ann in lang, back to similar mx to 1200 f/out. No ID, but fits. (Klein 11/9)
- 4735 CHINA Urumqi; 0021 Inst mx, flute mx w/W. g(Wilkner 10/24)
- 4740 AFGHANISTAN Kabul?; 0155 Trying for Mamore, found this with the IS. (Valko 10/7) 0201 Strong w/long segs of orch mx, tlc by M in presumed Dari/Pushtu. 3 pips 0230, f/out. (Reinstein 11/6) 1200 Much surprised by this w/f sig, wailing mx, then M in lang(Klein)
- 4750 CAMEROUN Bertoua; 2140-2310\*, \*0428-0500 Usual px of PR/lang tlc, some EG nx from Yaounde, running past sked 2200\*. (8 rep)
- 4753T BIAFRA Owerri; 2145 Odd sounding native mx, into extended tlc by M and abruptly off 2157. f(Biller 10/13)
- 4755 BRASIL Rdfa.de Maranhao; 0530 Nonstop EG rock mx, occ PT tune. Only IDed as Rdfa. once by OM. g(Lobdell 10/14) 0828 Fast tlc, slo mx. 0837 more tlc, echo chamber ID. f(Bolland 10/3)
- \*4760 PERU R.Tingo Maria; 1047 Finally hrd w/typ OA mx. One clear ment of Tingo Maria just before QSB into the mud. (Reinstein-Canav 10/14)
- 4764 SUMATRA RRI Medan; Gamelan mx, Ute lo-side. USB OK. (Darling-UK)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 1012 Net px of mx & tlc, ID as R.Nal. Noted //4815. g(Bolland 10/20)
- 4765 LIBERIA ELWA; 2206 VOA nx, abruptly into lcl nx at 2211 w/ID. f(Gilster 10/27) 2210 EG nx by M w/Af accent. g(Wood-SA 10/19) 0648 EG rel mx, song dedications. p(Luyster 11/11)
- 4770 NIGERIA Kaduna; 2145 MoR mx, ID, lcl nx. f(Halsema 10/13) 0441 pops, TCs, Nig nx 0500, back to mx. f(Burke 10/15) 0500 Nx, US pop/disco mx, px on Islam. (Kohlbrener 10/15)
- 4770 VENEZUELA R.Bolivar; 0030-0330 Typical YV px, mx, tlc. (8 rep)
- \*4775T INDIA AIR Gauhati; 1137 Wk M chants, slo inst mx, M/ann. Faded 1151 (Wilkner 10/23) 1205 Subcont mx & tlc by M in lang, no ID poss to 1215 fade but likely. (Klein 11/9)
- 4780 VENEZUELA LV de Carabobo; 2310-0400\*, \*0930-1020 YV px. (8 rep)
- 4781 HONDURAS R.Juticalpa; 1045 OM w/ranchera mx, freq TC, ads, IDs. xInt(Murff 11/5) 1130 ID, TC, greetings to listeners (inc. any in Costa Rica), ranchera mx. g(Jones 11/6)
- 4782 MALI Bamako; 2302 US soul mx, //5995. (Perdue 10/21)
- 4785T AZERBAIJAN Baku; 2200 ME mx, unk lang tlc. f(QRM(Biller 10/13)
- 4785 BRASIL R.Ribamar; 0801 OM in PT w/many ID, TC, "Bom Dia" px, strong & clear. (Lobdell 10/16) 0833 PT ID, pops. (Alexander) 0950T M & W tlc, seemed live ads, mx between. p(Bolland 10/19)
- 4790 PERU R.Atlantida; 0200-0530\*v, \*0845-1000 OA px. (7 rep)
- 4790 SWAZILAND TWR; 0300 Shona M preacher. f(Wood 10/11) 0310 Lang px of chanting & rel mx, M/ann in lang. g(Klein 11/1) 0315 Af lang to rapid fade 0320 when OA took over. (Biller 11/1)
- 4795 ECUADOR LV de los Caras; 2320 Annmts by W using echo chamber, giving ads, 2343 EG ID, then mx to 0001. p(Bolland 10/27) 0031 OM w/ID, later EG ID by YL. (Mellberg 10/12) 0230 YL w/LAm pops, 0300 ID, more mx, EG ID. (Murff 10/24)
- 4800 ECUADOR R.Popular; 0507 Usual type of beaut mx, ID/TC. (Field 11/7)
- \*4800T INDIA AIR Hyderabad; Snatches of EG nx (1530), noted in //4860 (Delhi), both faded shortly thereafter. (Moman 10/23)
- 4800 LESOTHO Maseru; 2100 F w/lang nx, 2107 M ment Af countries. g(Wood-SA 10/20) \*0400 s/on w/NA, lang ann, freqs, etc, foll by rel tlc. (Miller, Nikolich, Valko, Wilkner)

- 4500 VENEZUELA R.Lara; 0226 Full SP ID & freqs by M, various ann by M & W. Into Lam mx. g(Gilster 10/17) 0250 ID & slogans by OM over mx. g(Moman) 0330 SP/EG pop mx sels, TCs. f(Luyster 11/14)
- 4805 BRASIL Rdfa.do Amazonas; 0921 ID & freqs, relig px w/OM, foll by pop tunes w/OM ann. (Wilkins 10/25) 0926 Tlk & song. Tlk seemed rel in nature. 0944 full ID. f(Bolland 10/15)
- 4810 GABON Af.#1, Moyabi; 2251 FR ID at end of apparent nx item, M w/ tlc, then W w/s/off ann, to 2300\*. f(Gilster 10/28)
- 4810 PERU R.San Martin; 0950-1030 OA mx, TCs, ads, mix of hi-Andes OA style mx & some pop sels. (6 rep)
- 4810 ARMENIA Yerevan; 0325 Piano mx w/ tlc by YL (exercises?) to 0329, pause to 0330, tlc by OM. f/g, noted //4785 (Baku), 5065 (Petrozavodsk). (Buer 10/27) Many Soviet regs in well lately--sdx
- \*4815 BRASIL Rdfa.Londrina; 0755 PT tlc by M w/ID and ment of freqs and Londrina, PT EZ mx. g(Valko 10/26)
- 4815 BRASIL R.Nal. Tabatinga; 0150 2 M ann w/PT tlc to 0205 ID, ballad, still on 0345 recheck. HJ absent. (Moritz 10/24) \*1002 S/on w/mx, M/ann w/ID--"R.Nacional de Tabatinga, emisora RadioBras," giving MW & SW freqs, then mx. vg(Klein 11/7) \*1000 OC, bossa nova, ID as above, to mx 1004. (Bolland 10/15)
- \*4815 CHINA R.Peking; \*1300 IS, ID, tlc(nx?). p(Lineback 10/30)
- 4815 COLOMBIA R.Guatapuri; 0150 Some kind of call in quiz or lottery conducted by M, much excited tlc, sound effects. vg(Gilster 11/5)
- 4815 UPPER VOLTA Ouagadougou; 2127 Af drums, tlc on mechanization of agric. 2130 more drums, then Af culture. (Halsema 10/13) 0529 IS, NA, OM w/FR s/on ann. f/pulse QRM. (Nikolich 10/15) 0545 Native mx w/anmts, ID, nx. (Hyson 10/6)
- 4820 ANGOLA R.Nac.; 2149 PT px of Af hi-life & pop mx, tlc by M/ann w/ID as "R.Nacional Angola." f(Valko 10/18)
- 4820 ECUADOR Rdfa.Paz y Bien; \*0913 M/ann w/s/on: NA, ment list of names, prob faithful listeners. f(Bolland 10/16)
- 4820 HONDURAS HRVC; 0130-0400 Rel pgming in SP, EG sevl days at 0300, tho apparently not every day. (7 rep)
- 4825 GUATEMALA R.Mam; 2330 Here most nites lately with M/ann and plenty of that marimba mx that we all just love so dearly. (Perdue 10/25) If I didn't know you better, I'd swear you're being sarcastic--sdx
- 4825 PERU LV de la Selva; \*1000 NA, s/on ann in SP, into nice flute mx px, OM/YL ann. (Wilkins 10/18) 1009 Yipping mx to 1025 F/ann w/ tlc. f/QRM(Moritz 10/18) 1011 Cont mx w/occ TC. 1019 canned ID as "R.Selva." f(Bolland 10/19) 1030 M/ann w/ID, ad string, full ID 1035, mx rancheritas px. f/het(Murff 10/19)
- 4825 TURKMENIA Ashkhabad; 1700 Turkmen nx, alt M/f. g(Wood-SA 10/15)
- 4830 VENEZUELA R.Tachira; 0215 Spts px, // most other YV. (Field 10/30) 0252 Ment San Cristobal, bank ads. Just sepble fm. Reloj. (Moman)
- 4832 COSTA RICA R.Relej; 0433 LAM vocals, huge signal, many ID/TC. xlrt(Gilster 10/16) 0739 (Wilkins) 1017(Illa) 1100(Schumacher)
- 4835 GUATEMALA R.Tezulutlan; 1145 Relig px in lang by OM. (Wilkins)
- 4835 SARAWAK R.Malaysia; 1309 Lang radio play over Guatemala(Lineback)
- 4840 CHINA FPBS#2; 1130-1200 Usual mix of CH class & opera style mx, acc by F/ann w/mucho tlc. (Bolland, Chorosz, Jordan, Nikolich)
- 4835 SOUTH AFRICA SABC; 1735 EG Sunday svce. ID as the English Service of the SABC, wiped out by RTTY. (Clifford 10/31)
- 4840 VENEZUELA R.Valera; 0040 Cont coverage of Futbol game by OM/ann and 2nd OM w/color cmty. Many ID at 10 min intervals. f(Jordan 10/29) 0104 LAM mx, pops, ID. f(Kohlbrener 10/13) 0340 Mx, ID jingle, NA, 0401\*. f(Gilster 10/16)
- 4845 BOTSWANA Gaborone; 0415 IDs, into pop mx px w/IDs & short tlc between songs. EG/vernac. f(Miller 9/17)
- 4845 COLOMBIA R.Bucaramanga; 0025 LAM mx, full ID by M, ads, tlc. g(Perdue 10/30) 0103 Canned ID w/slight echo effect by M, into LAM mx px, p(Bolland 10/14) 0315 Many ID, freqs, tlc, jingles, marimba mx. (Alexander 11/6) 0345 OM/ann w/many ID, tlc, EG ID, slo LAM mx sels. f(Hensley 10/21)
- 4845 MAURITANIA Nouakchott; 2053 Native guitar IS, ID--"Huna Nouakchott...al Mauritanyah", foll by native walling. p(Chorosz 10/10) 0703T Pocs FR ID, into nx. f/p(Miller 9/29)
- 4845 MOLUCCAS RRI Ambon; 1202 In here w/nx. At 1211, lcl ID, and cont w/nx, prob lcl. g(Bolland 10/24)
- 4850 CAMEROUN Yaounde; 2224 Pop mx, sevl sels, FR ann, some Af style mx sels. (Kohlbrener 10/11)
- 4850 ECUADOR R.Luz y Vida; 1030 Catholic rel svce. Gone by 1100. (Field 10/20) 1039 Ads, M/ann w/full ID, rel px. (Murff 10/18)

- 4850 SURINAM SRS; Yes, my friends, the Stichting Radio Omroep Suriname has indeed returned...with a vengeance! Noted from 0030 to s/off varying from 0330-0530, and from \*0850 to 1000 f/out w/the usual mix of pops, DT/EG/lcl lang ann, lcl mx, etc. Sent in by (18 repl!)
- 4853 YEMEN ARAB REPUBLIC R.San'a; 1938 AR t;l, many ment Yemen, ID 2000, then AR nx, mx to 2058 NA & 2107\*. (Clifford 10/30) \*0300 ID, into AR chanting-Koran. f/het(Biller 11/1)
- 4856 SUMATRA RRI Palembang; 1240 F/ann w/IN tlk. p(Lineback 10/16)
- 4860 EURFSSR RMWS; 0330 EG world service. Probably harmonic or something (Dickson 10/30) No, this is a feeder from Kalinen--sdk
- 4865 COLOMBIA LV del Cinaruco; 0150 Blocks of 3 LAM vocals, then brief tlk by M/ann, sevl ID. f(Gilster 10/24) 0215 LAM mx, ID. (Dickson)
- 4870 BENIN Cotonou; 2210 FR tlk to 2212, when a conservative version of the life mx was heard. f(Bolland 10/19) And, I suppose, there's also a liberal version of same...--sdk
- 4875 COLOMBIA LV del Norte; 0100 Lcl level w/ID for HJBC 1090, then "La Voz del Norte..." (Reinstein 11/13) 1006 ID, calls, fqs, in terrible mix w/R.Super. f(Jones 11/5)
- 4875 COLOMBIA R.Super; 0511 Here w/strong sig and constant IDs & TCs, all nite during checks. Mixed bag of mx from SP pops to ballads. (Moritz 10/17) 0626 SP Full ID w/freqs. g(Moman 10/13)
- 4875T WEST IRIAN RRI Sorong; 1359 Just missed ID, slo bells then off at 1400\*. f(Moman 10/16)
- 4880 SOUTH AFRICA SABC; 0350 AK tlk by OM to 0400 ID. g/some fading, some het. (Buer 10/19)
- 4885 BRASIL R.Cl. do Para; 0125 PT mx, then tlk by M, ID, ment 2 freqs, wk w/QRM. (Valko 10/5) 0300 Mx, PT tlk, sevl ID. (Alexander 11/6) 0949 Sounds like jazz px, plenty of swinging flute to 0953 novelty tunes. Full ID 0958. f(Bolland 10/17)
- \*4885T ANGOLA Bassacongo; 2119 Many ment of Angola, no ID noted, tho hrd ment of "...Zaire" at 2131. Good mix of various mx sels to M w/ closing ann 2158 in PT, into NA 2204 & 2206\*. Strong, but with QRM and static. Also noted tent at 0453. (Moritz 10/25) Nice--sdk
- 4890 ECUADOR R.Centinel del Sur; 0350 OM DJ w/LAM & US pop mx px, IDs as "La Super C." Full ID 0409, NA, & 0410\* (Murff 11/15)
- 4890 HONDURAS R.Lux; 2340 Choir w/hymn, M preaching. p(Bolland 10/29) 0140 ID, LAM mx px. (Dickson 11/5)
- 4890 PAPUA NBC; 1133 Country mx, tlk on atomic power, ILS systems for aircraft, ID & nx 1200. (Gilster 10/25)
- 4895 SARAWAK R.Malaysia; 1250 Koran chanting, mx, time pips, ID. g (Lineback 10/16) 1439T Pops, OM DJ in lang. f(Moman 10/23)
- 4899.3 JAVA RRI Surakarta; 1155 Time pips, ID, RRI net nx 1200. p (Lineback 10/16) 1300 RRI Jak nx relay. (Wilkins 10/9)

And so we close out LR-A for another year. Once again, my regrets for the appearance of the column this month. For January we will be back on the word processor, with a new print wheel to give somewhat more readability.

In closing out the year, I'd like to thank all of you who have supported LR-A and NASWA in the past year. Without your support, none of what you are reading would be possible. Thanks as well to all of you who have written; although I have fallen far behind on correspondence, you will be answered. Finally, let me close by extending to all of you my best wishes for a happy and healthy holiday season. We'll see you again in the new year. Till then, 3's & 7's,



# LOG REPORTS

## section B

4900 to 6199 kHz

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


- 4900 VENEZUELA R. Juventud, Barquisimeto, jazz, live DJ, 2339 10-25 (Gilster-NC); \*0952 10-15, anthem, US pops; strong (Wilkins-CO).
- 4907 VENEZUELA R. Carora, widely hrd by mxy from s/on at 0955, 0958, 1011, etc., into "Aquí Venez" prgm, and Pms from arnd 0000 to 0400\* (Billier-NJ, Bolland-FL, Kohlbrenner, Mellber-IA, Sams-AR, Valko, Lobdell-MA, Sparks-CA, Jones-MS, Wilkins-CO, Jordan).
- 4911 ECUADOR Em.Gran Colombia, Quito, nx, ID 0419 11-9 (Jones-MS); ballads, ads 0428 10-26 (Cacura); 0441 10-15, LA mx (Kohlbrenner); presumed w/HC NA to 0503\* 10-24 (Perdue-AL).
- 4910 HONDURAS LV de la Mosquitia, Pto. Lempira, fair w/mx, talk, 1205 10-16 (Lineback-TX).
- 4910 ZAMBIA Lusaka, eagle IS 0343 11-1, anthem, lang ID 0353; fair, good condx (Billier-NJ).
- 4915 HAZILI R. Anhangwara, ID 0010 10-24 (Perdue-AL); presumed them, 0825 11-10 (Luyster).
- 4915 CHINA Guangxi PBS, Nanning, CH mx 1135 10-30, W anncr (Walkner); talk 2215 (Wood-S.AR).
- 4915 KENYA Nairobi, big sig 0310 11-1, presumed nx 0315 (short); Swahili (Billier-NJ).
- 4920 AUSTRALIA ABC-Brisbane, 0655 10-30 (Halbert-CA); 0904 (Moman-ALB); 0947 (Bolland-FL).
- 4920 USSR Yakutsk? RR, 1555 on 10-6, poor sig, 1600\*; surprised to hr this late (Moman-ALB).
- 4920 ECUADOR R. Quito, ID 0442 10-16, harp mx in background; good sig (Gilster).
- 4925 MOZAMBIQUE Maputo, fair-good at 1700 on 10-15, PT nx by female anncr (Wood-S.AR).
- 4930 VENEZUELA R. Tachira, San Cristóbal, vocals 0216 10-17, IDs, TCs; good (Gilster).
- 4934 KENYA Nairobi, ID 0330 11-1 after IS, into chants; fair with het (Billier-NJ); in vernac. with US pops 0350 10-26, pips 0400, ID and nx (Cacura).
- 4935 PERU R. Tropical, Tarapoto, hrd in AMs arnd 1030-1100 w/ads, IDs, mentions of Pepsi, Rayovna (Alexander-PA, Billier-NJ, Walkner, Valko, Wilkins-CO, Klein-NJ).
- 4940 CHINA Qinghai PBS, Xining, fair in CH political talk, 2210 on 10-18 (Wood-S.AR).
- 4940 IVORY COAST Abidjan, 2212-2230 10-26, FR drama, 7215/11920 not hrd (Reinstein-FL); ID 2358, NA, off (Mellberg-IA); tent. 2400\* 10-22 (Moman-ALB); pres., 0611 (Moritz-OH).
- 4940 UKRAINE SSR Kiev, IS 3 times 0014 10-24, also at 0114, strong in absence of Yaracuy (Reinstein-FL); unid. RR stn, 0114-0134 10-16, fair sig (Bolland-FL).
- 4940 VENEZUELA R. Yaracuy, San Felipe, ID 0300, EZ letng ballads, good sig (Moman-ALB).
- 4945 BOLIVIA R. Illimani, La Paz, \*1000 10-20, IDs, into Bol. mx, good sig (Walkner).
- 4945 COLOMBIA R. Colosal, Meiva, LA pops 0715 10-11, contin. nx, ID (Samuel).
- 4950 SARAWAK Kuching, EG 1036 10-23, also nx and ID 1433-1438; fair (Moman-ALB); CH pops, 1301 10-16 (Lineback-TX); 1330 10-9 EG nx, ID 1340, cmtry, 1400 fade out (Wilkins-CO); stocks 1401, wx, fair sig (Kreuzinger).
- 4955 BRAZIL R. Cultura, Campos, several IDs 0910 10-28, talk, ads; poor (Bolland-FL).
- 4955 BRAZIL R. Marajoara, Belém, long talk 0205 10-1, occasional ID; good this night with other Brazilians (Valko); full ID 0910, Brazilian pops, vy good on 10-24 (Klein-NJ).
- 4958 AZERBAIJAN SSR Baku, vy poor 0202 10-27, presumed; RR NA to 0204, //4785 (Reinstein-FL).
- 4960 ECUADOR R. Federación, Sucúa, mx from 0415 10-29, ID 0430; 0255\* 11-5 (Field-MI).
- 4965 NAMIBIA R. SWA, tent., normal drab format 2135 10-21, just mx (Billier-NJ); ID for All Nite Svc 0145 10-25, mx; Afr ID 0245 (Mellber-IA); \*0300, fair-good 10-11 (Wood-S.AR).
- 4970 VENEZUELA R. Rumbos, LA vocals recorded before live aud, 2334 10-7, IDs, ads (Gilster); ID 0331 10-24 (Hensley); mx with male anncr, 0415-0430 on 10-31, CW QRM (Barhart-PA).
- 4975 CHINA Fujian PBS, Fuzhou, CH at 1220 10-30, //4990, 4940, 4750 (Lineback-TX).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, talk 0100 10-5, CID prgm 0106 (Valko).
- 4984 MALAYSIA Penang, fair at 2200 on 10-16, Malayan mx (Wood-S.AR).
- 4984 UNID. PT speaking puzzler back, see 3/82 LR-A. 11-7, audio from 2100, talks, combo mx; chimes 2200, lost audio 2208, 2214\*. Overseas sources say Nampula; would be nice (JB).
- 4985 BRAZIL R.Br. Central, Goiânia, talk 2305 lately (Perdue-AL); ID 0816 11-10 (Luyster-OH).
- 4990 CHINA Hunan PBS, Changsha listed, CH M&W talking, 1215 10-30, //4975 (Lineback-TX).
- 4990 NIGERIA Lagos, Afr mx, IDs 0637 10-19, faded out around 0709 (Clifford).
- 4990 SOUTH AFRICA R. RSA, EG cmtry 0340 10-23, ID, fair (Samuel); nx, spotlight, 0403 on 10-18, poor (Burke-VA); Dolly Parton 0410 10-10, news on Angola; fair, QRN (Chorosy-ME).
- 4996 PERU R. Andina, Huancayo, poor on 11-8 from 0245, no ID (Field-MI); \*0952 10-24, NA, ID, mx, maybe carries net prgm Sundays AM (Bolland-FL); OA mx 1020, ID, 10-18 (Klein-NJ).
- 5000 CHINA BPM, poor 1109-1111 10-20, CW and spoken ID under WWV and WWVH (Buer-FL).
- 5003 EQUATORIAL GUINEA Tent. Bata, \*0445, strong; NA, Afr rhythms, no ID or talk (Perdue-AL).
- 5005 SARAWAK Sibiu, man talking 1304-1320 10-10, fair (Iban lang listed) (Lineback-TX); unid., maybe this, 1502 10-23, EG nx, then lang armt; Sibiu supp. to 1500\*; Nepal (Moman).
- 5005 SURINAM R. Apintie, EG ID 0237 10-15, rock mx, good (Chorosy-ME); clas.mx 0245 11-1, DT anats, poor (Lineback-TX); clas.mx, jazz, ID 0400 10-14, more clas.mx (Kohlbrenner); 5008, clas.mx 0405 10-14 (Valko); 5006, full ID 0930, then DT relig. prgm, 10-16 (Bolland-MADAGASCAR Tannanarive, apparently on extended sked for election coverage, 11-7, FL). 2220, relig.mx, talks, big band, still going at 2320; good sig, unusual time (JB).
- 5010 CAMEROUN Caroua, Afr vocals 0510 10-28, FR ID 0523, tribal mx (Jordan); EG local and

- world mx, 10-15 0530 (Nikolich-IL); EG talk 2110 10-20, good (Wood-S.AR); Afr mx 2142 10-11, FR ID 2155 (Kohlbreuner); chants 2211 10-31, mx, NA, 2213\* (Wilknar).
- 5010 COLOMBIA R. Surcolombiana, ads for "Banco Colombia" 0045 10-29, cmrs, TC, mx, poor (Bolland-FL); and mx at 0302 on 11-8 (Field-MI).
- 5015 ECUADOR Esc.Rdfon.Populares, Rlobamba, possible s/on 1035, YL talking about Quito, mx 1038, ads; fair and very clear sig, 10-30 (Mellberg-IA).
- 5015 PERU R. Moyobamba, high Andes mx 1020 10-19, OM anncr, TCs, good w/some ute het (Klein-NJ); 1042 10-29, OM anncr, ID, choppy, weak, fast QSB; very poor (Jordan).
- 5015 USSR Vladivostok, presumed, 1134 10-24, fair in RS, monolog by man (Bolland-FL).
- 5020 ALBANIA Gjirkaster apparently, folk mx 0450 10-9, YL anncr, //5057 (Alexander-PA).
- 5020 CHINA Jiangxi PBS, Nanchang, CH political talk 2212 on 10-6, good (Wood-S.AR).
- 5020 SOLOMON ISLANDS Honiara, local EG mx 0803 11-6, ID, Pidgin mailbag (Alexander-PA); talking 0940, mx; poor 10-20 (Bolland-FL); EG nx 1106 10-23, 1130\* (Moman-ALB).
- 5027 BRAZIL R.Jornal Transamazônica, Altamira, mx and talk 0837 10-20, animal sounds, ID, fair-poor (Mellberg-IA); IDs 0800 11-10, auto noises, mx 0806 (Luyster-OH); tent. at 0902 10-23, man talking in PT, many mentions of Brasil (Moman-ALB).
- 5027 UGANDA Kampala, Afro rhythms 0315 on 11-1, lang news 0350, good sig (Lineback-TX); EG at 0524 10-8, hi life mx, time ticks, talk, ID, //15325 until 0530 (Valko).
- 5030 PERU R. Los Andes, Huamachuco, \*0738 10-10, ID, man anncr, acknowledging listeners' letters (Wilkins-OO); OA mx 0815 11-7, no amts, off abruptly 0818; presumed (Alexander-PA); \*1001 10-18 w/slow "Condor Pasa," many IDs, OA vocals; QRM from wife's hair dryer (Chorossy-ME); much mx at 1006 10-17, ID 1023 and later, clear sig (Jordan); Andean romantic ballads 1010 on 10-18, flute mx, good sig on good OA morning (Klein-NJ).
- 5030 SARAWAK Kuching, man talking 1307 10-16, Bidayuh listed; good (Lineback-TX); Malay pops 1413 10-22, disco, 1500\* with NA (Sharpe-CA); tent. 1448 10-23, pops, 1500\* (Moman-PA).
- 5030 VENEZUELA R. Contintene, Caracas, mx 0405 10-31 (Earhart-PA); 0501\* 10-9 (Alexander-PA).
- 5035 BRAZIL R. Aparecida, ID and frequency amrt by man in PT, 2330 10-22, poor (Moman-ALB).
- 5035 KAZAKH SSR Alma Ata, 1125 fade in 11-4, piano mx; 1129-1150 11-6, //5260 (Wilknar); surprisingly good 11-1 1140-1200\*; organ mx, talk in RS, plug in mid-mx (Reinstein-FL); RM, CH talk on Soviet-Chinese relations, good at 2210 10-6 (Wood-S.AR).
- 5040 COLOMBIA R. Cinco, Villavicencio, lively SP mx 0502 10-12, mentions of Caracol (Mellberg-IA); combos, vocals, 0605 10-28, ID 0610 (Jordan); LA mx 0803 10-15, ID at 0805, LA instrumentals, "Mexican Hat Dance" to 0813; fair sig (Kohlbreuner).
- 5040 GEORGIAN SSR Tbilisi, briefly hrd 10-27 with 1st appearance of season, 0158, IS to 0200, brief talk, MA, poor but no Maturin (Reinstein-FL); presumed them at 0200-0230 with exercises, piano mx with gal counting; 10-28 (Wilknar).
- 5040 VENEZUELA R. Maturin, ID 0118 10-13, MW & SW fogs, ad string (Kohlbreuner); 0546 on 11-4, ID after "Boti Rumbos," many commercials (including one for G.E.) (Jones-MS).
- 5045 BRAZIL R.Cultura do Pará, Belém, man anncr 0120 10-26, ID 0130, ballads (Perdas-AL); bombing in 0730 11-10, Brazilian tunes, muddly modul, otherwise exc (Luyster-OH).
- 5047 TOGO Lome, in here with man in FR, 2212 10-29, bit of mx later, poor (Bolland-FL); songs, talk to 0003\* with NA, 10-22 (Moman-ALB).
- 5046 INDONESIA Jogjakarta, IN pop mx 1600 10-17, weak sig with heterodyne probs (Darling-UK).
- 5050 ECUADOR R. Jesús del Gran Poder, Quito, \*1007 with relig.mx, complete ID with fogs, sung NA, TC, prayer, vy good sig 10-2 (Valko); \*1015, relig.mx, ID, gud 1-21 (Bolland-FL).
- 5055 COSTA RICA TIFC, San Jose, EG quiz 0228 11-1 (Dickson); religious prgm 0320 10-27, ID, request for contris for MW repeater, into "Songs In The Night" (Kohlbreuner).
- 5055 FRENCH GUIANA Cayenne, 0300 10-31 with Afro-type mx, deep-voiced DJ, strong w/co-channel QRM (Biller-NJ); NA \*0900 11-10, FR mx, //3385 weaker but fair (Luyster-OH); 10-15, Afro-type mx also, 0911, a little discussion, more mx; good sig (Bolland-FL).
- 5057 ALBANIA Gjirkaster, sombre mx 0537 10-28, 0540 nx, folk mx, ID, clas.mx (Jordan).
- 5066 ZAIRE R. Candip, Bunia, fair 1812, CW QRM, to 1900\*; not on 5090 or to 2000\* (Darling-UK).
- 5068 SAUDI ARABIA BSKSA, exc 2215 10-31, //15060, faded to poor by 2235 (Wilknar).
- 5075 CHINA Peking, good at 2215, 10-19, with CH political talk (Wood-S.AR).
- 5075 COLOMBIA R. Sutatensa, Bogotá, sev. IDs 0015 10-8 (Dickson); nx 0131 10-26, ads in between items, full ID 0158; good (Gilster); nx, IDs, ads, 0145 10-30 (Dickson agn).
- 5095 COLOMBIA R. Sutatensa, good sig, clear ID at 0200 on 10-22 (Dillaman).
- 5095 PAKISTAN Islamabad, 1457 on 10-23, chants, IDs 1500 incl.one in EG (Moman-ALB); presumed them, 1320-1400 11-2, hvy RTTY, western mx, Pak.mentioned once, nx 1345 (Mellberg-IA).
- 5112 PERU R. Eco, Iquitos, ads 0225 11-3, echo ID, SP pops (Alexander-PA); from 0355 10-31, mx (Field-MI); "musica moderna" 0410 10-24, echo-type banco ad, 0455 NA and off without amts (Walcutt); ID 0930 10-31, beautiful, clear sig (Sparks-CA); IDs 1010 10-15, Iquitos mentioned (Kohlbreuner); in nicely 10-18 with OA flute mx 1025, ID, TC (Klein-NJ).
- 5136 CHINA Peking CPBS-1 presumed, 1040-1055\* 10-24, //6560; M&W, singing; poor (Bolland-FL).
- 5260 KAZAKHSTAN Alma Ata, 10-16 at 1610, RS songs, fair in RTTY, own prgm (Darling-UK).
- 5565 CLANDESTINE R. 15 de Septiembre, polemics, slogans, etc, 0250-0305 10-30 (Jordan).
- 5770 CHINA PLA, pop and clas.mx 1136 10-20, //4840 strong (Chorossy-ME); also 10-7 at 1200-1300 with CH mx, nx, cmtry by M&W; fair-good sig (Schussacher-ND).
- 5885 INDONESIA RRI-Palembang, vy weak under horrendous RTTY, 1605 10-17 (Darling-UK).
- 5900 CHINA PLA, mx 1156, ID 1200 during mx, talk by M&W; poor-fair (Stephary-NY).
- 5935 LATVIAN SSR Riga, 2105 Sunday 10-31, mx, usual prgm; 2158 "Ruma Riga" ID, 6 pips on the hr (Wilknar); really fine level 10-26, \*2130-2200\*, Swedish prgm, clear IDs by gal as "Lettlands Radio," one Latv ID 2159 (Reinstein-FL).
- 5945 AUSTRIA Vienna, Strauss waltzes 0130 10-23, ID 0140, annoying het (Dickson).

- 5950 GUYANA GBC-2, EG request mx to 0745 10-26, inspir.mx, Early Bird prgm 0800 w/lstrn requests; fair (D'Angelo-PA); exotic mx 0746 10-23, birthdays, IDs, TCs (Cobb-ME).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, full ID w/call, fays at 0933 10-7, clear and strong (Valko); Col.mx, dedicaciones on "Buenos Dias, Col" prgm, 1010 10-15(Wilkins-)
- 5955 HOLLAND RN, DT mx, cmtry at 0743 11-12; poor, much QRM, //weaker 6045 (Luyster-OH),CO).
- 5955 NICARAGUA LV de Nic, Managua, IDs 0420 10-24, LA mx, talk by man, exc sig (Hensley); 0540 10-20, ID, fays, lists of names, mx (Samuel).
- 5960 CANADA RCI, vy good in EG, 0214(Halsema), 0225(Washburn), 2300(Krist),2345(Fraser).
- 5965 MALAYSIA Kuala Lumpur, Malay pop mx 1510 10-22, sentimental, soft-sounding stuff. Male annor difficult to read; to 1530 (Sharpe-CA).
- 5974 BOLIVIA R. Nac, Cochabamba, 1010 10-16, guitar and vocal mx, ID hrd but copy imposs. when mx on RS powerhouse on 5970; decent copy 10-20 at \*1005 with guitar mx, opening ID, balada; ID, ad string 1025 (including Inca Cola) (Sparks-CA).
- 5975 ENGLAND BBC, "Mr Now" 0230 10-31 (Washburn); nx 2300 10-27, "Secret Sharer" (Krist-VA).
- 5980 SIERRA LEONE Freetown, EG 0718-0730 10-24, miss.persons, ID, TC, obits (Alexander-PA); nx to 2219 10-18, fair (Billier-NJ); Top 40 and local mx, ltrs, 2310-2340 10-11(D'Angelo-)
- 5980 SOUTH AFRICA R. RSA, EG nx 0406, mx, WYFR splash, 10-24 (Hensley). PA.
- 5980 TAIWAN Voice of Asia, Kaohsiung, EG ID 1100 10-30, EG nx, pop and rock mx; reasonably clear sig, but usually under heavy QRM (Sparks-CA).
- 5985 USA VOPC over WYFR-Okeechobee, CH 0238 11-5 (Halsema); EH 0610-0713 10-17 (Sharpe-CA).
- 5985 BURMA Rangoon presumed, native mx, talks by M&W until covered by Tashkent carrier at 1745, 11-14; definitely //to 5040 (Lobdell-MA).
- 5985 UZBEK SSR Tashkent, IS, ID, funeral nx, \*1200-1210 11-14 (Lobdell-MA); 1210 ID 11-6, good sig (Buer-FL); EG cmtry 1312 10-16, fair sig (Jones-MS).
- 5995 AUSTRALIA RA, Pidgin 0840-0900 10-30 (Cobb-ME); EG 0849-0911 10-17 (Sharpe-CA); EG at 1102-1112, good sig, 10-31 (Hensley).
- 5995 PERU Tent. R. Melodia, Arequipa, seemed to have just s/on, 1002 10-16, possible nx by male with gritty voice, OA mx 1008, slightly weaker than Aus(Billier-NJ),Amambay?JB.
- 6000 BRAZIL R. Inconfidencia, Belo Horizonte, Br. pops 0840, ID, //15190 10-10(Alexander-PA); pops 2248 10-9, talk, ID w/fays and ainging, clear but quick fade (Valko).
- 6000 HONDURAS R. Variedades prgmng, 0320-0401\* 11-10, OC previous eve (Rankin-KS); El Eco de Honduras, romantic songs 0328 10-22, ID after each for Variedades, full ID for Var 0336, also for Eco, to 0358\* (Sparks-CA); 1220-1235 11-6, many TCs (Buer-FL).
- 6005 CANADA CFCX-Montreal, 0705-1000 (Samuel,Wilkins,Sparks), 2012-2340 (Krist,Fraser).
- 6006 COSTA RICA R. Reloj, ID, TC 0740 11-12, good (Luyster-OH); LA mx 1120 10-28 (Purdum).
- 6010 PERU R. America, Lima, LA mx, ID, 1025 10-19 (Klein-NJ); ID 0945 10-15 (Billier-NJ).
- 6015 BRAZIL R.Cl.Pernambuco, Recife, PT 0820 11-7, ads, talk, //11865 (Alexander-PA).
- 6015 VATICAN EG 0105-0114\* 10-17, bible readings, look at priest's duties (Krist-VA).
- 6025 BOLIVIA R. Illimani, La Paz, speech 0113 10-9, poor on //4945 (Moman-ALB); mx, flutes, poss. ads w/mnt. of Bolivia, 1023 10-15, but no ID so make tent. (Kohlbrenner).
- 6030 CANADA CFVP-Calgary, 0825-0840 10-10 (Wilkins), 0836 (Bishop), 1214-1225 (Mellberg).
- 6030 W. GERMANY Süddeutscher Rundfunk, pops 2155 10-16, IS 2159, chime 2200 (Potter-ONT); ID 2300, mx, 2305\* 10-26 (Reinstein); GM mx 0735, 11-14 (Klein-NJ).
- 6035 AUSTRALIA RA-Carnarvon, EG nx 2010 1012 (Wood-S.AR); longpath 2140 10-26 (Reinstein).
- 6035 BRAZIL R. Globo, Rio, talks 2215 10-27, Voz do Brasil ID 2230, also hrd on 5965,5035 (Buer-FL); IDs, fast, 2220 10-16 (Potter-ONT); sports 2245 10-17, IDs (Rankin-KS).
- 6035 COLOMBIA R.Transamazonica, S.Jose del Guaviare, clear \*1018 10-22, NA, ID, folk mx (Sparks-CA); slow mx 1030 10-8, IDs, TC, good and clear (Valko).
- 6040 CYPRUS CBC, fair 2215 10-16, here now ex-6125; another weak str also here (Billier-NJ).
- 6050 NIGERIA Ibadan, EG nx ending 2123, drums, ID, TC, Afro mx, fair 10-11 (Valko); nx at 2201 10-9, patriotic speech, mx, fair past 2230, but deteriorating (D'Angelo-PA).
- 6055 JAPAN NSB, talking 1208-1230 10-16, maybe an ad; fair (Bolland-FL).
- 6060 PERU R. JSV, Huanooco, \*0959 10-27 over mx, into OA mx (Jones-MS); tent. 1014 10-27, strong but Super-6065 QRM; OA mx, long arnts, TCs a min.fant (Lasarus-LA); 1027-1050 10-18, strong, folk mx, man screaming out slogans (Moritz-OH); no ID 1028 10-30, but finally IDed 11-3, wiped out by RHC 1050 (Sparks); 1030 10-28, RHC on 1057 (Field-MI).
- 6065 CANADA CBC Nq Svc, CBC nx, sports, wx, mx, 1200-1215 10-17; anncs //965 (D'Angelo-PA).
- 6065 COLOMBIA R. Super, Bogota, LA mx 0620 10-10, echo ID, yelled arnts (Samuel); ID at 0723 10-24, SP pop mx, howling, yelping (Bragg).
- 6070 CANADA CFRX-Toronto, mx 0630, ads, ID, best rcpm ever on 10-10 (Samuel); wrld series scores, clear till 0855 HCJB s/on, 10-16 (Wilkins-CO); 2053 10-16, "Weekend" (Krist-VA).
- 6074 COSTA RICA R. Rumbo, Cartago, TICAL call, ID 1003 10-24, down from 6076 (Jones-MS); "Fiesta Mexicana" prgm 1055 10-29, ID, ad for local store (Lobdell-MA).
- 6075 PORTUGAL Lisbon, IS \*0530 10-23, NA, ID, nx, all EG (Jordan).
- 6075 W. GERMANY DW, GM nx 0008 10-26, cmtry, ID, good with QRM (Mayer-PA).
- 6080 CANADA CKFX-Vancouver, nice and clear 10-17 at 0940 with DJ chatter, TC for PDT after each selection; phoned in an Elvis request (Sparks-CA).
- 6080 CHILE R. Patagonia Chilena, Coihaique, \*0930 10-27, ID, theme, R.Nac nx 0939(Jones-MS).
- 6080 USA VOA, EG to Africa, 0650 10-2, pop mx show (Illa-FL).
- 6080 USSR RM, believe "Moscow Nights" IS at 1430 11-9, poor (Lare-MI).
- 6085 FRANCE RFI, OC to 2158, IS, FR-PT-SP IDs to 2200, FR s/on, new LA svc, 10-26 (Buer-FL).
- 6085 W. GERMANY Bayerischer Rundfunk, GM talk 0630 11-1, ID 0700 (Bishop); GM folk and pop mx 0730 11-14, vocals, annr between selections (Klein-NJ).
- 6085 UNID. 2155-2152 10-26, seems \*2155 w/brief orch.mx, M&W talking but too poor even to

- ID lang. Brief snapshots of mx to 2152 DW s/on. Hoping for Tallinn (Reinstein).
- 6090 AUSTRALIA ABC-Sydney, request prgm 0927 10-9, "Ain't She Sweet", fair (Halbert-CA).
- 6090 LUXEMBOURG EG 0030 10-8, fair with usual pop mx and ads (Fraser-MA); pops in GM and CH, 0753 11-12, tele interviews, ads, nx items, ID 0930 (Luyster-OH).
- 6095 CHINA Maybe Peking, 1144-1150, fair, CH mx, high pitched female vocals (Nikolich-IL).
- 6096 PERU Tent. R. Nacional, concierto en la noche 0200 10-8, several IDs taped with some sounding not like R. Nac. del Peru, but Chile. To 0500 (Sams-AR).
- 6100 W. GERMANY DW, man in SP 0020 11-5, nx summary, strong and steady (Jordan).
- 6100 VENEZUELA YVTO time sig stn, ID every min, 0630 10-4 (Illa-FL); 0715 10-24 (Bragg).
- 6105 MEXICO Su Pantera, Mex mx 1100 10-16, frequent stn and prgm IDs, roaring panther every 5 mins or so (Billr-NJ); "Amanecer Yucateco" 1103 10-9, LA mx, panther snarls (Wilkins-CO); nice at 1216 on 10-11, same type of programming (Fisher-MA).
- 6115 MEXICO R. Universidad de Sonora, 0040 on 10-31 with piano concert, ID by man and light concert mx, exc sig (Sparks-CA).
- 6115 PERU R. Union, Lima, noticias campesinas 1005 10-20, kids chorus, poor, Llano QRM (Choros-)
- 6115 CONGO Brazzaville, surprised to hear 2133-2152 10-22, FR, hi life mx, ID sy-ME).
- 6119 VENEZUELA R. Angostura, Cd. Bolivar presumed, 0944 11-6, nx 1003, chimes, Rumbos net ID, no ID (Alexander-PA). Angostura is back, and they do carry Rumbos rx (JB).
- 6120 DOM. REP. R. Santiago, good at 2219 tune in, lively mx, ID, many TCs, seemed named "Fiesta con Santiago." Strong w/het on hi side, covered by RCI carrier 2253. Hrd 10-31 but not noted since (Lobdell-MA). Definitely an elusive one (JB).
- 6120 NICARAGUA R. Zinica, Bluefields, good of late. LA mx 0330 10-25, clear ID 0451 (Bishop); fair 0420 10-3 (Samuel); 0455 11-7, mx till ID and 0459\*; ranchera mx 0339 10-24 (Field-MI); romantic mx till 0508\* 10-23 (Lobdell-MA); \*1100 10-16, NA, ID, vocals (Sparks-CA); talking 1133 10-27, mx here and there, ID 1145 (Jordan).
- 6120 ENGLAND BBC WS, good 0023-0100 11-7, Methodist church worship prgm (Bommett-IN).
- 6129 VENEZUELA R. Valles del Tuy, Ocumare del Tuy, ID 2200 10-31, echo, LA mx, stn promo 2222 (Bishop); 2240 10-14, definite ID 2245, promo, seemed into nx (Jordan).
- 6130 CANADA CHXK-Halifax, exc 1830 11-13 (Klein-NJ); elec. 2344 10-16, VOA #2358 (Moritz-OH).
- 6130 USA VOA, EG "Caribbean Report" 0017 10-26, ID, promo, exc sig (Mayer-PA); EG nx 0305 10-31 (Washburn).
- 6135 BULGARIA Sofia, ID 0529 10-28, unknown lang, maybe Bulgarian, //11750 (Halbert-CA).
- 6135 SWITZERLAND SRI, EG 0150-0200 10-9 (Dickson), 0210 10-23 (Dickson agn).
- 6140 FRANCE RFI, FR 0000-0007 10-21, ID, nx, VC (Mayer-PA); to 0100\* 10-20, SP (Wilkins-CO).
- 6145 W. GERMANY DW, EG nx after \*0059 (Krist-VA); ditto, many features (Wilkins-CO).
- 6150 AUSTRALIA ABC-Lyndhurst, IS 1135, Al Jolson, real oldies; poor 10-10 (D'Angelo-PA).
- 6150 COLOMBIA LV del Huila, Neiva, LA pops 0645 10-10 (Samuel); ID 0715 10-24 (Bragg); LA mx, ID 0838 11-12 (Luyster-OH); full ID 1032 10-17, Huila ment. often (Potter-ONT).
- 6155 JAPAN FEN, feature on swing mx 0750 10-24, ID 0800 ("This is FEN"), vy good sig (Bragg); poor at 1400 on 10-29 with EG nx (Zilmer).
- 6155 USA WRNO-New Orleans, ID 0346 10-1, usual rock mx format (Illa-FL).
- 6160 ALGERIA Algiers presumed, no ID hrd, 0719 10-17, seemed tkng in AR to 0730 when AR mx, chants and such. Assume Kabyl net. Sinking, useless 0747, gone 0800 check (Moritz-OH).
- 6160 ARGENTINA R. Malargus, \*1000 10-31, weak but clear ID over string mx, soon lost to noise and CW; agn 11-1, \*1000 ID easy to catch, but sig dropped into sleep (Sparks-CA).
- 6160 CANADA CKZU-Vancouver, poor 0704 11-8, ment. CBC-Br. Col (Lucas-CA); EG clas. mx 0724 10-26 (Grenier); Br. Col wx 1253 10-22, CBC ID (Sams-AR).
- 6165 MONAIRE RN, EG nx 0240 10-31, good (Earhart-PA); "Espacio DXista" 0357 10-1 (Illa-FL).
- 6165 MEXICO LV de la America Latina, tuned in 1101, shortly after s/on, nx prgm "Un Nuevo Dia." ID, call ltrs, nx on Senate race in CA, good, in the clear 10-29 (Lobdell-MA).
- 6165 SWITZERLAND SRI, EG economics prgm at 2205 on 10-17, good sig (Chorosy-ME).
- 6170 FRENCH GUIANA Cayenne, in FR, pop and rock mx, talk by M&W amrcr, ads, gave fgya Incl. 4972; faded badly by 1025, but good at the outset; 10-8 (Valko).
- 6175 ANTIGUA BBC WS, "From Our Own Correspondent" 2200 10-9, good sig (Krist-VA).
- 6175 COSTA RICA TIFC, San Jose, folk tunes 1110 11-3, some "You are My Sunshine," talking between selections; IDs 1120 and 1125 (Jordan).
- 6180 VENEZUELA R. Turismo, Valera, "Diario de los Andes" prgm 0907, then YV mx, 10-2 (Illa-FL); ID, fgya 0908 10-18, "lo mejor en radio," "la musica Venezolana," other slogans; certain this was right after s/on, good sig (Jones-MS); musical IDs 1008 11-6, ads, LA mx (Alexander-PA); fast LA mx 1032 10-8, banc ads along with many others; "Buenos dias, America," talking by M&W, good sig (Valko).
- 6185 BRAZIL R. Bandeirantes, S.P., 0825 11-6 in PT, ads, mentions of São Paulo, several IDs, time pips at 0830, rooster crows, sambas (Alexander-PA).
- 6185 MEXICO R. Educacion, 1001 10-8, just tuned past and caught ID w/call, fgy, into nice ranchera mx (Valko); presumed the one at 0654-0718, "La Bomba", alternating M&W talk, ballad at 0717. Thought hrd "educacion" mentioned at 0700; 10-17 (Moritz-OH).
- 6189 PERU R. Oriente, Yurimaguas, \*1056 with NA, theme from "The Sting," ID, fgya, OA mx; good 10-14 (Jones-MS); 1059 NA 10-27, ID, mx prgm to 1115 fade out (Field-MI).
- 6195 CANADA RCI, EG 2330 on LA mx becoming popular in Canada; very good 10-23 (Krist-VA).
- 6195 PERU R. Cuzco, 0950 on 10-16 with Huaynos, ID, Happy Birthday song 1000, soon wiped out by BBC (Sparks-CA); 1005-1022 10-8, tent., also w/Happy Birthday! (Valko).

+++ Just enough room to say "Happy Holidays" to all!



# LOG REPORTS

## section C

6200 to 11699 kHz

Editor: Peter Schipplitti, 31 Beaverbrook Road, Burlington, MA 01803

- 6215 LEBANON Voice of Hope; \*0400-0410, EG, s/on w/ light mx and s/on arnts by M ment. 945 and 6215 kHz. ID for "High Adventure Broadcasting Network", and "Voice of Hope". Elton John Mx. Poor w/ cw QRM. (Valko 10/29)(Choroszy 10/10)
- 6250 EQUATORIAL GUINEA R. Malabo; 2159-2213, SP, Hi-life afro mx, tlk by M w/ID and werts of Guinea Equatorial, then big band mx. (Valko 10/11)(Perdue 10/23)
- 6296T PERU R. Chota; 1103 SP, Prob s/on man singing Peruv NA, ID, tlk w/ "Besa Me Mucho" Tune Backgd, more tlk & into Peruv vocals. Poor. (Jones 10/24)
- 6550 LEBANON Voice of Lebanon; 2106-2126\* here w/ AR type singing and stringed instruments until 2113 W on in lang. tlk, presumed AR, but hard to tell due to static. Into piano instrumental around 2115 giving way to M on w/ rx headlines at 2118. Into short anthem type piece at 2125 and then open carrier. (Moritz 11/9)(Bishop 10/28)(Clifford 10/17)
- 6900 TURKEY Turkish State Meteorological Service; 0452-0524 noted here a number of times in annual seasonal appearance since late October. Mostly chanting type vocals by both men and women. Squeezing by QRM here. Also had bits and pieces of what I presumed to be the other Turkish regional on 6340 on 11/14 around 0525, but truly covered by QRM then. Hopefully will pop through as it has done in the past during this time of year. (Moritz 11/14)
- 7065 ALBANIA R. Tirana; \*0000-0027\* "This is R. Tirana" by YI, Nx bulletin, cmntry on Albania, item on liberation struggle. (Krist 10/15)
- 7150NF EGYPT Radio Cairo; 2300-2308 AR, Voice of Arabs; chimes 2300; ID "Sout el Arab", Nx, Good w/ QSB and Adj ARO QRM; ax 7050? (Buer 10/20)
- 7155 CAPE VERDE Em. Oficial de Rep. de Cabo Verde; 0735-0815 PT, Anthem at 0735 into ID clearly hearing "Republica de Cape Verde" Latin type mx till gong ID at 0805. African Nx 0805-0810. Fair. (Billier 10/21)(Klein 10/25)(Valko 10/26)(Wilkins 10/26)
- 7170 NEW CALEDONIA Radio Noumea; 1035-1059\* Fr. & Eg Pop songs w/ arnts to 1056; s/off w/ ID & freqs. 1056-1057; Fr choral anthem 1057-1059\*. Good. (Buer 10/20)
- 7210 SWITZERLAND Red Cross; 0613-0630 EG, Report on worldwide activities of IRC; several ID's. 0630 into FR. (Wilkins 10/25)
- 7255 NIGERIA VON; 0452 w/ bell IS, then Native drum Mx and NA. \*s/on at 0459 "West 10/27 African Service." (Choroszy 10/24)(Wellberg 10/18)(Hensley 10/24)(Samuel 10/19)(Burke 10/24)
- 7270 POLAND R. Polonia; 2230 EG, Nx, "Panorama" - economy, space, Ghetto remembered. Fair (Fraser 10/5)(Jordan 10/28)
- 7320 ASIATIC SSR Magadan; 1145 RS, Orch Mx 1145-1150; arnts by OM 1150, classical piano Followed; fair; //7355 (What site is this?) (Buer 11/7)
- 7412 INDIA AIR; 1540 EG, Nx, ID as "This is All India Radio." Fading fast. (Moman 10/23)
- 7670 BULGARIA Stolnik; 0432-0502 EG; Pop & Jazz Mx. ID at 0500, "Programa Horizont", Domestic Service. Good w/ slight RTTY QRM. (Choroszy 10/10) (Jones 10/23)
- 9485 PERU R. Tacna; 0925 SP, Tlk by OM, OA Mx, ID. Weak but in the clear. (Alexander 11/8)
- 9505 BRAZIL R. Record; PT 2150, Accordion and ranchero Mx, 2 OM annrs, ID and freqs at 2200. (Perdue 10/24)
- 9510 PERU R. America; 1030-1035 SP, ID w/ fanfare; tlk w/ commercials; noted after Bonaire off at 1025. (Buer 10/22)(Billier 10/16)
- 9545 SOLOMAN ISLANDS SIBC; 0645 EG, US Rock Pops, TC, ID at 0700. (Samuel 10/11)(Moman 10/24)
- 9575 ITALY RAI; 0100 EG, W, Nx, ID, Mx during last 5 mins. (Paskiewicz 10/27)(Krist 10/16)
- 9620 YUGOSLAVIA R. Yugoslavia; \*2215-2226\*EG, Nx by CW, ID, IS @ 2226 (Mayer 10/26)(Jordan 10/26)(D'Angelo 10/30)
- 9690 ROMANIA R. Bucharest; 2021 EG to Europe. Info for R.R. Listeners' Club members. (Burke 10/12)(Kreuzinger 10/18)(Kohlbrener 10/14)
- 9720 SRI LANKA SIBC; 1241 EG, ID by YI, TC & rel pgn. (Cooper 10/30)
- 9725 SWITZERLAND SRI; 0430 EG, IS, ID, TC & "Dateline" Fgm. (Samuel 10/23)
- 9740 CZECHOSLOVAKIA R. Prague; 0000 EG, "Country of the Week.", "Stamp Corner" (Fraser 10/17)
- 9800 USSR R. Kiev; 0030 EG, Nx, Cmnty, "Mx from the Ukraine." Fraser 10/25)
- 9870 BELGIUM BRT; 0030-0115 EG, Nx, Mx, DX NX. //11695 to Latin America (Zilmer 11/8)
- 9977 NORTH KOREA R. Pyongyang; \*1100-1135 EG, IS, ID, Nx & Cmnty. Good. (Cobb 10/9)
- 1158L ITALY IBC; 0602-0640+ EG ID by OM, ment Florence, Italy and 11585 kHz. seemed to play a bunch of recorded IDs from Colombian SW stns around 0615. Pop/Inst Mx w/ an occasional IT ID by OM annrc. Weak w/ fades. (Lobdell 10/24)(Clifford 10/24)

Severe time limits on my end forced me to condense LR-C this month. Merry Christmas & 73



# LOG REPORTS

## section D

11700 to 17899 kHz

Editor: Steve Wiseblood, 1340 Junipero Ave., Apt. 4, Long Beach, CA 90804

- 11700 VATICAN STATE VR: 2020-2030 PT to Afr., S/off anmts w/ID, IS. F(Buer-FL) 2128-2131\* EG W w/tlk of Pope John-Paul II, ID (Cucura-PA 10/31).
- 11700 DOMINICAN REPUBLIC R Clarin: 1853-0200 "Musica Libre" pgm of US/Lam pop mx. Anti-Castro "Mundo Cultural" rpt on Solidarity. "La Voz del CID" pgm now heard throughout the day w/Anti-Castro propaganda. Very old tape ID w/mention of 4850kHz (not heard- of course). Lam mx, ads (7 reports).
- 11710 ARGENTINA RAE: 0152-0207 SP M w/tlk, Multi-lingo ID's, apparently into PT to Brazil @ 0200. P (Kohlbrener 10/14).
- 11715 PHILIPPINES VoA: 1211-1221 EG "Words & Their Meaning", ID (D'Angelo).
- 11715 SWITZERLAND SRI: \*0144-0202 IS, ID, TC, EG "Dateline", F-g(Mayer-PA).
- 11720 CYPRUS BBC: 1252-1257 5-note IS to 1255, S/on w/ID, AR pgm (Buer-FL).
- 11720 BULGARIA Sofia: 0045-0100 EG DX pgm (Richard Dickson 11/1).
- 11720 UKRAINIAN SSR Lvov-RM relay: 0020. EG DX pgm, pgm on Communism (Fraser-MA).
- 11730 SOUTH AFRICA R.RSA: \*0155-0255\* IS, EG ID's, fanfare, EG fqs, nx, cmtry Wld nx: drought sparks riots in Nigeria; magazine pgm(Bonnet,Walsh-MA).
- 11730 MOROCCO RTVM: 0400-0530 AR nx, W vocalist w/ME mx, ID @ 0459, apparent AR nx by W @ 0500, 0505 Qu'ran chants(Wilkins-CO 10/20). Positive ID?-ed
- 11730 LIBYA \*0200 below R. RSA to past 0530. ME type AR vocal mx, AR cmtry, Oddly, one of the best identifying characteristics of this station is the lack of jingles, time pips and anthems. "Hana al-Libya" ID @ 0334 (Walcutt-NY 10/24). Are Morocco and Libya both here?-ed
- 11735 UKRAINIAN SSR Kiev: \*2300 R. Vilnius-relay EG nx, folk mx, G(KristOVA). \*0030 EG, rpt on space exploration, "Let's discuss it". XInt (Fraser-MA).
- 11735 BULGARIA Sofia: 2113-2127\* EG nx, fqs, folk & pop mx, to W Afr (Cucura).
- 11740 USA VoFC-relay(WYFR-FL): 0200-0242 EG nx, CH language lessons, heard an hour later on 5985 (Halsema, Burke-VA 10/15). 0350 EG ID (Earhart-PA)
- 11750 BULGARIA R. Moscow-relay: 0355 EG to NAM, heard R. Sofia @ 0400(Earhart)
- 11760 SEYCHELLES FEBA: 1800 S/on anmts in Amharic, IS, ID, religious pgm here ex-11800 to avoid SLBC clash, no // noted. VG (Wood 10/11).
- 11760 AUSTRALIA RA: 1435-1446 CH M w/tlk, EG/CH ID by W @ 1445 (Pardun).
- 11760 COOK ISLANDS RCI: 0810-0832 island tune mix w/meat drumming & some pop mx. Noted a phone-in pgm with a W ancr taking calls over the air, M ancr in pressed Maori, thought I caught a couple of snatches of EG @ 0828. P-F (Moritz-OR). 0828-0905\* Maori tlk by M, pop mx, EG ID w/mention of 2 fqs. Faded badly (Valko-PA 10/8). 0850-0905 EG nx by M, island mx(Jor'n
- 11770 NIGERIA VoN: 2025-2035 EG nx, ID, cmtry (Hyson 9/26).
- 11770 YEMEN DYBS: 1835 AR mx, ID, //6085 & MW 1188. G (Wood-Saudi Arabia 10/5).
- 11775 SPAIN REE: 0413-0417 EZI SP vocal selections, SP nx @ 0415 (Earhart-PA)
- 11780 JAPAN RJ: 2100 FR tlk on traditional koto mx: P thru BBC (Wood 10/15).
- 11785 UZBEK SSR Tashkent: 1220-1228\* EG Mailbag pgm, ID, Uzbek mx(D'Angelo).
- 11785 IRAQ Baghdad: 1500 AR mx, address given by W in EG, AR ID, then into pressed newscast. F (Valko-PA 10/22).
- 11788 TIBET Lhasa PPSB: 1020-1035 CH anmts, oriental vocal mx. (Hyson 10/2).
- 11790 INDONESIA VoI: 1402-1436 EG M w/Wld nx, ID by W; Indo pop mx (D'Angelo).
- 11795 CHINA R. Peking: 1300 EG nx. Good (Zilmer 10/23).
- 11800 ITALY RAI: \*0100-0119\* EG ID by W, EG nx, IT pop mx pgm. G (Krist-VA). 1134-1145 EG W w/ID, fqs, Wld nx in EG, F (Bolland-FL 10/17).
- 11805 GREECE VOA: 0418-0425 AR to ME, AR vocal mx. VG (Earhart-PA 10/17).
- 11810 NORWAY RN: 0226-0230 NO Wld nx by M, EG ID, NO anmts. P (Halsema 11/5).
- 11815 LIBYA R Jamahiriyah: 2025-2248 EG pgm about the "Green Book", tlk about what role the Woman should play in society, AR mx. G (4 reporters)
- 11825 DENMARK Rd: \*0158-0230 IS, EG/DN ID's, DN nx & cmtry(Buer, Wilkins).
- 11825 TAHITI Papeete: 0445-0510 local TT mx, TT W ancr (Samuel,Kreuzinger).
- 11830 SOUTH KOREA RK: 1626 EG W w/tlk on Korean Culture. F (Grazier 10/21)
- 11830 INDIA AIR: 2000\* EG to Afr., ID; //15265. G (Wood-Saudi Arabia 10/14).
- 11835 HAWAII 4VEH: 1100-1130 ID, EG "Psychology for Living"(Eisele, Purdum).
- 11835 SRI LANKA SLBC: 1055-1131\* ID, fqs, EG "Hour of Decision" religious pgm, "R. Monitors DX pgm" with features on U.S. AM stns(D'Angelo,Cobb)
- 11835 FINLAND RF: 2000 FT M w/Wld nx, VG (Wood-Saudi Arabia 10/14).
- 11840 GUAM KTWR: 0845-0930 EG religious pgms. F-G (Eisele).
- 11845 PORTUGAL NHK-RJ relay: 2215-2228 EG M w/nx, ID, pgm on nuclear energy, current topics pgm, killed by R.Ned S/on in SP @ 2228(Mayer-PA,Zilmer)?
- 11850 SAUDI ARABIA BSKA: 1100 EG S/on anmts, NA, into Qu'ran recitations, still announces fcy as "11855". VG (Wood 10/11). 1810-2054 US top-40 mx, EG nx, ID by M, Qu'ranic recitations. G (Cooper,D'Angelo,Lare-MI).

11850 INDIA AIR-Delhi: 1232-1245 EG nx to 1235, tlk in lang. to 1245. F (Buer)  
 11860 TAIWAN VoFC: 2215 FR tlk on CH mx, G thru RMWS; //9510 (Wood 10/16).  
 11870 LIBERIA ELWA: 2110-2121\* EG religious pgms, EG nx @ 2115, ID (D'Angelo)  
 11875 F.S.A. WYFR: 2210 EG religious phone-in show; Xlnt & 7/21525 which was  
 equally loud; WYFR is all over the dial here in Saudi Arabia (Wood 10/16).  
 11880 NORTH KOREA Pyongyang: 1440 EG W discussing unification (?? 11/1).  
 11880 SPAIN REE/SFR: 0000 EG "Panorama", EG nx @ 0030. Xlnt (Fraser-MA 10/8)  
 0100-0130 EG "Prensa Review", political cmntry (E Hoffman, Bonnet-IN).  
 0538-0630 "Spanish Economic Scene", EG nx & wx, ID (Eisele, Krist-VA).  
 11890 PHILIPPINES FEBC: 0900-1058\* EG religious pgm to 1000, apparent CH  
 tlk w/mixed mx bag pgm to S/off 1058\* (Potter-ON 10/17, Eisele).  
 11890 OMAN RO: 1055 EG ID "This is R. Oman from Muscat", listed fqys including  
 FM; 1058 into AR w/ID, chimes, AR nx. no //noted (Wood 10/11).  
 11905 AUSTRALIA RA: \*2155 "Waltzing Matilda" IS, into VT, ID in EG. F (Walsh)  
 11910 HUNGARY Budapest: \*0200-0226\* EG "Newaroom", D82 fqy sked (Krist-VA).  
 11925 PORTUGAL RP: 0150 PT pop mx pgm, PT M w/nx. VG (Grosvenor-CA),  
 0500-0530 EG M w/Wld nx, DX pgm on how to write reception rptcs (Dickson).  
 11940 GABON Afr #1: 2028-2046 FR nx & ID by M, mx request pgm (Cucura,Moman).  
 11940 SINGAPORE RS: 0956-1035 EG annts between pop mx, sermon @ 1030 (Eisele),  
 11960 NEW ZEALAND RNZ: 0907 EG mx transcript via BBC, NZ nx @ 1000. F (Krist)  
 11960 ISRAEL KI: 2230 EG nx, "The Week in Print", HB lesson, sports, this fqy  
 reactivated, //15585, 13745, 17630, 11655, 9815. G (Zilmer 11/7).  
 11960 USSR Unid-R Afghanistan relay: \*1900-1930\* EG nx by M, w w/annts in  
 between lcl mx pgm. Cmnty on building a democratic society. Generally  
 Poor-Fair w/flutter fades. (Krist-VA 10/3, Pavick 10/24, Jordan 10/23).  
 11965 FRANCE RFI: 2320 SP to LAw in their new svcs. F (Richard Dickson 10/11).  
 11965 USA WRNO-Worldwide: 2330 EG Hauser's "World of Radio". F (Krist-VA).  
 11965 WEST GERMANY DW: 0310-0330\* SP M ancr w/nx & cmnty, //6100,11785(Jordan).  
 11975 EAST GERMANY RBI: \*0015-0055\* EG nx, Peace Report, economic cmnty(Krist)  
 11975 EUROPEAN RSFSR Moscow: \*2200-2230 RS HS pgm w/orch. mx, ID's, RS tlk(Jordan)  
 11975 BELGIUM BRT: 2200 EG "Brussels Calling" pgm, to Afr. F (Zilmer 11/8).  
 11977 GHANDESTINE VoLibyan People: 0605-0611\* AR mx, ID followed trumpet solo  
 "Huna sowt el Libyah". Anti-Libyan propaganda (Sams-AR 10/12). from Egypt?  
 11985 NORTH KOREA Pyongyang: 2050\* FR S/off annts, NA, //6338. G (Wood 10/14).  
 11995 FRANCE RFI: 2200 IS, ID, FR annts, to LAw. G //15270,11965,11955,9790  
 (Zilmer 10/25). 0000-0050 FR nx, pop mx, into SP @ 0030. VG (Wilkins-CO)  
 12000 EGYPT R. Cairo: 0258 EG tlk on the Middle-East, AR mx, ID (Illa-FL).  
 12015 PAKISTAN RP: 1915-1920 lcl mx to 1916, S/on annts in FR w/ID, Qu'ran  
 recitations, G //15550 under ute (Buer-FL 10/26). (Illa-FL/  
 12015 AUSTRIA ORF: 0300-0315 SP to LAw, anniversary of Haydn, contest promo./  
 0435 EG nx & Euro wx, ID & annts by W (Grenier 10/17). (Choroszy/  
 12060 ASIATIC RSFSR Novosibirsk-RMWS: 1730-2020 EG nx, folk mx. VG (Sharpe,/  
 12070 MONGOLIA RUB: \*1200-1230 ID, EG S/on annts w/fqys & sked, EG nx by W,  
 lcl Mongol. mx, EG M w/cmnty. F but muffled (Cobb,Eisele,Bolland,Moman).  
 1405-1411 EG W w/Wld & Asian nx, ID. F (Purdum 11/1).  
 12075 KIRGHIZ SSR Frunze-RMWS: 0010-0030 EG sports, nx & cmnty (Dickson 10/25)  
 12095 UK BBC: 1501 EG tlk on the Lebanese President in France (Grenier 10/20).  
 12210 TANZANIA RT: 1850 SW tlk, AR mx, 1859 "Hil ni Idhaa. . . ya R. Tanzania",  
 1900 "R. Tanzania Dar-ee-Salaam", Habari ya Kiswahili, //6105. G (Wood).  
 12307 PERU OBC-Callgo: 0155-0200\* time pips, no annts. P (Sams-AR 10/8).  
 13605 PAKISTAN RP: 1640-1730\* lcl mx, TK tlk, EG nx by M 1650-1655, then TK nx  
 & subcontinental mx. S/off w/NA. Noted down from 13607 (Alexander-Pal 10/15)  
 13725 ISRAEL KI: 1800 HB annts, "Reshet Bet" pgm, //9385,9890,11610 (Zilmer).  
 13745 ISRAEL KI: \*2230-2259\* EG nx, ID, Press Review, Letterbag(Walsh,Krist).  
 13797 ICELAND ISBS: \*1830-2004\* IC cultural tlk by M&W, Claci guitar mx,  
 icolka type mx & Swiss country mx. F-VG (Wood 10/11, Moritz 10/17, Gilster).  
 15020 GREECE R Stn Makedonia: 1918-1935 GK mx, ID, GK nx @ 1930. G (D'Angelo).  
 15045 JERUSALEM RFG: 2200-0005 EG nx by M&W, cmnty, obits., "Voice of the  
 Revolution" ID's, PSA's & promo's. VG (Gavaras-MN, Hensley, Clifford).  
 15050 GREECE VoG: 1320-1355\* 3K W w/nx, ID, GK instr./vocal mx. P-F (Jordan)  
 1411 GK tlk by M&W., GK instr. mx (Purdum). 1920-1940 GK nx, mx, EG nx  
 after 1920, then GK tlk, ID "News from Greece". (D'Angelo, Samuel).  
 15070 UK BBC: 2315-2320 EG cmnty, tlk by W ancr, Big Ben chimes. VG (Bragg)  
 15077 AFGHANISTAN RA: 1730 PU S/on annts, nx by M. F w/QRM de BBC (Wood 10/11).  
 1905 EG nx, ID, cmnty, C&W U.S. mx, EG annts by M, //11960. P (Cobb).  
 15083 SAUDI ARABIA BSKSA: 1900 AR nx, ID, //15060, 1kHz het w/VoIRI (Wood 10/19)  
 15084 IRAN VoIRI: 1448-1520 long scolding in Farsi, marches (Purdum, Hirst-TX).  
 15098 NIGERIA VoN: 2000-2100 noted here today only w/GM nx, tribal mx(Wilkins).  
 15100 CHINA R Peking: 1700 IS, ID, CH nx by M. F (Grenier 10/22).  
 15110 BULGARIA Sofia: \*1930-1938\* EG nx, Letterbox pgm, folk mx. G (Krist-VA).  
 15120 NIGERIA VoN: 0455-0520 Drums IS, ID, EG S/on annts, nx, tribal mx & Afro  
 pop mx. G //17800, 7255 (Moman,Jordan,Eisele,Hyson). 0914-0921 EG M  
 w/cmnty, ID's, Afro mx. G w/T'Storm QRN (Bolland-FL 10/22).

15125 INDIA AIR: 0245-0251\* end of EG nx, S/off amnts (Walsh-MA).  
15135 GUAM KTRW: 2200 CH ID, IS, CH religious pgs. VG (Wood 10/20).  
15140 CHINA RP: 2000 PT ID, S/on amnts, PT nx & cmtry. VG (Wood 10/18). (Purd-  
15140 EUROPEAN RSESR Riazan-RMWS: 1400-1420 EG nx, tlk abt foreign policy./-um)  
15150 BYELORUSSIA Minsk-RMWS: 1538 folk mx pgs preview, EG ID (Purdum 10/31).  
15150 INDONESIA Vol: 1447 IN MoR vocal mx, P w/QRM. //11790 (Hirst-TX 10/21).  
15150 CHILE R Nac: 2215 SP live futbol coverage. G (Wood 10/18).  
15155 EGYPT Cairo: 1730 Amharic nx, ID @ 1750. VG (Wood 10/11).  
15160 AUSTRALIA RA: 2200 IS, ID, EG nx. VG (Wood 10/20).  
15165 NORWAY RN: 0620 NO economic nx; do not confuse w/Denmark here too(Wood)  
15170 TAHITI Papeete: 0238-0340 pop rock mx during FR pgs to 0300, then into  
TT pgs w/Polynesian vocal island mx. G (Samuel, Bonnet, Stephany).  
15190 SPAIN REE: 2000 EG nx to Europe., //9760. VG (Wood 10/14).  
15200 GABON Africa #1: 0613-0630 Mixed mx bag w/pop & Afro mx, FR ancr(Wilkins)  
15220 HUNGARY Budapest: \*0200-0229\* EG Wld nx, "Sports Panorama", G (Krist).  
15225 TUNISIA Tunis: 2145 AR live political speech, interview. F (Choroszy-ME).  
15235 JAPAN RJ: \*2200-2215 Gen Svce. w/JP & EG, to SEAs. G-VG (Zilmer, Wood).  
15240 EAST GERMANY RBl: \*1300-1341\* EG nx, cmtry on weaponry(Krist,Cobb).  
15240 SWEDEN RSI: 2100 EG "Weekday", "Calling DX-ers", //11955. F (Zilmer).  
15245 ZAIRE LV du Zaire: 1420-1445 FR High-Life mx, FR M w/tlk. F (Buer-FL).  
15245 PORTUGAL RP: \*1800 IS, ID, EG nx. F-G (Zilmer 11/4).  
15255 ROMANIA Bucharest: 0230-0235 EG Disarmament tlk cmtry. P (Dickson).  
15265 EUROPEAN RSESR Serpukhov-RMWS: 1100-1120 EG nx & cmtry (Hyson 10/2).  
15265 FINLAND RF: 0810-0820 EZI mx pgs, ID, EG amnts (Hyson 10/10).  
15265 INDIA AIR: 1845 Sitar mx, EG to E Afr., VG (Wood 10/15).  
15273 URUGUAY Rdf Nac.-SODRE: 0140-0223 SP music mix.,chimes @ 0200, ID(Potter)  
15280 BRAZIL RNB: 2045 IS, PT ID, S/on "Reporter Brasileiro". VG (Wood 10/14)  
15285 CHINA R Peking: 0000 ID, "Aqui R. Peking", SP nx & cmtry (R Dickson).  
15290 MOROCCO RTVM: 2350-0000 AR vocal mx to 2358, AR amnts, ID. G (Buer-FL).  
15290 BRAZIL RNB: 0250 Clsc1 piano mx, guitar mx, EG fyps & sked(Kreuzinger).  
15295 MALAYSIA VOM: 0730-0800 EZI instr. mx, EG tlk by W (Clifford 10/11).  
15300 FRANCE RFI: \*1600 EG "Parla Calling Africa", Wld nx, sports (Krist-VA).  
15300 JAPAN RJ: 2345-0045 EG nx, "Current Topics", //21610,17825 (Zilmer).  
15300 UAE Dubai: \*0330-0355\* EG W w/nx, ID, //11755 (Moman,Hixon,Samuel).  
15310 AUSTRALIA RA: 2230 EG interview. pop mx. F (Zilmer).  
15315 SAUDI ARABIA BSKSA: 0250-0305 AR Qm'ram to 0257, AR tlk, TC. G (Buer-FL)  
15320 UAE Dubai: 1640-1647 EG nx, wx, ID, into AR @ 1643. G (Kohlbrener).  
15325 SOUTH AFRICA R RSA: 0200-0255 EG Wld & Afro nx, cmtry(Zilmer,Halsema).  
15325 UGANDA RU: 0300-0430 EG heavily accented W, Afr folk mx(Samuel,Burke).  
15335 COLOMBIA Rdf Nac: 0258 ID, gongs, SP M w/QTH, Clsc1 mx. G (Jones-MS).  
15335 INDIA 1330-1415 EG nx, ID, "General Overseas Service", cmtry on  
Margaret Thatchers visit to India. F //11810 (D'Angelo, Eisele).  
15350 LUXEMBOURG RL: 0045-0100 "WLKN" relay w/jingles, top-40 mx (Dickson).  
15364 CANARY ISLANDS REE: 0200-0230\* SP nx, excerpts from speech (Wilkins-CO).  
15375 SOUTH KOREA RK: 2212 EG "Mailbag" pgs w/Australian M & KR W (Wood 10/18).  
15375 SPAIN REE: 2000-2010 EG "Panorama", wx. G (Burke-VA 10/26, Zilmer 11/3)  
15390 ASCENSION ISLAND BBC: 2100-2200\* EG nx & cmtry to Falklands. F(Lineback)  
15400 FINLAND RF: \*1200-1225\* EG "Northern Report", "Compass North"(Krist).  
15410 AUSTRALIA RA: 0830-0850 EG nx, ID, F //15115 better (Cobb-ME 10/30).  
15415 BRAZIL R Clube: 0228-0238 PT M w/tlk, ads, EZI PT mx, ID. P-F (Valko).  
15425 ASIATIC RSESR-RMWS-Kenga: 1033-1044 Higlites of the late Brezhnev speech  
ID for "Radio Moscow World Service". F (Purdum 10/28).  
15425 AUSTRALIA VLW15: \*0936-0942\*, Slow Instr. mx., EG M w/amnts. F (Valko).  
15425 SRI LANKA SLBS: 0105-0130 EG pop mx pgs w/requests & dedications, TC's,  
ID as the "All Asian Service", gave fyps as "15425,9720,6005"(Gavaras-MN).  
15430 FINLAND RF: 1745 SW sports, G (Wood-Saudi Arabia 10/11).  
15435 GABON RFI-relay: 2055-2100 FR accordion number & pop mx, FR tlk (Bonnet).  
15465 UKRAINIAN SSR Vinnitsa-RMWS: 1105 EG "World nx", cmtry. G (Krist-VA).  
15474 ANTARCTICA R Nac: LRA-36; SP tlk, ID, Lam MoR mx, lite pop mx, ballads,  
SP M&W w/discussion, SP nx @ 2345 by M&W, taps 0053 (5 reporters).  
15485 NEW ZEALAND RNZ: 0450-0945 EG sports, nx, Clsc1 mx(Samuel,Eisele,Bolland)  
15500 GEORGIAN SSR Tbilisi-RMWS: 0502-0532 EG "Mailbag". F (Choroszy-ME).  
15505 QATAR QBS: 1941-2005 AR documentary on JFK, nx @ 2000. F-G (Burke-VA).  
15520 UKRAINIAN SSR Kiev-RM: 1820 Zain "Soviet Panorama", PT @ 1830 (Pavick).  
15530 UKRAINIAN SSR Ivan-Frankovsk-RMWS: 0502-0532 EG WS //17860,15500(Choroszy  
15530 PAKISTAN RP: 1600-1615\* IS, ID, EG fyps & sked, nx. //15565. F(Zilmer).  
15540 BYELORUSSIAN SSR Minsk-RMWS: 1443-1507 EG M, operatic mx, nx (Hensley).  
15545 PAKISTAN RP: 1704-1745 EG Wld & lcl nx, cmtry on Pak/Sine relations,  
EG "Progress Rpt" @ 1730, full ID. Into Urdu @ 1745 (Pavick, Valko 10/13  
15550 UKRAINIAN SSR Simferopol-RMWS: 1000-1015 EG nx, ID, cmtry (Hyson).  
15560 AUSTRIA ORF: \*1806-1820\* EG "SW Panorama" w/rpt by Hauser (Krist-VA).  
15590 BELGIUM BRT: 1915-1958 EG "Belgium Calling Africa". F (Zilmer 11/8).  
16433 KIRIBATI RK: 0602 EG relay BBC-WS to 0609, then lcl ID, C&W mx(Bishop).  
OUT-A-SPACE this month; Japan RJ now on 17552-USB; 73

Steve



# LOG REPORTS

## section E

17700 and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

- 17700 USSR RMWS; 2130-2200 EG,RS by Radio,What's The RS For That pgms, filler mx in both,song by Alla Pugachova (Sharpe 10/17)
- 17705 NEW ZEALAND RNZ; 0349-0403 EG,mx,National Program ID(Kohlbrener)
- 17705 WEST GERMANY DW; 1953 EG,Sports Roundup,to Afr (Krist 10/21)
- 17715 SINGAPORE BBCWS; 0014-0030 EG,Nx Abt Brit,Radio Nxrrel,f(Paszkiev)
- 17715 UK BBCWS; 1835-1905 AR,AR wrld nx,mx,ID (Sharpe 10/15) -icz)
- 17730 USA UN Radio; 2115-2120 EG,Carib Nx Mag,into FR 2120(Kohlbrener)
- 17732 USSR RM; 0300-0315 EG,nx,one nite only this freq,clobbered by ute or jammer (Wilkins 10/13)
- 17745 SOUTH AFRICA 2100-2115 EG,nx,cmtry,g (Kohlbrener 10/14,Krist)
- 17770 OMAN BBC Eastn Relay; 1305-1310 EG,nx,editorial,g (Buer 11/6)
- 17775 UAE UAE Radio,Dubai;0245-0257\* EG,tlk,exc (Walsh 10/24) 0334-0345 EG,nx by W,sports,wx,v good w/slight QSB (Mayer 10/24)
- 17785 USA VOA; 2130-2200\* EG,nx by M (Bonnet 11/8) Angelo 10/10)
- 17795 USSR R Peace & Progress; 1540-1554 EG,cmtry on Israel,India(D'
- 17795 AUSTRALIA RA; 2255-2311 EG,pop mx,wld nx,anncd //15310,15340 & 11820 not heard (D'Angelo 10/20)
- 17810 PHILIPPINES FEBC; 0034-0042 EG,nx,ID,rel songs (D'Angelo 10/25)
- 17815 BRAZIL R Cultura; 0130-0200 PT,tlk,class mx,ID (Jordan 11/5)
- 17820 USA VOA; 2200 EG,nx in Special EG,Breakfast Show,(Krist 10/9)
- 17820 CANADA RCI; \*2129-2158\* EG,nx,wx,SWL Digest feat Glenn Hauser, very good (Krist 10/23)
- 17825 JAPAN RJ; \*2345 EG,nx,current affairs,fair (Krist 10/23)
- 17825 ECUADOR HCJB; 1925 EG,nx,Passport pgm,f (Zilmer 10/26)
- 17830 SWITZERLAND SRI; 1818 EG,nx,Dateline,fair (Krist 10/11)
- 1535 EG,last edition of Jazz Panorama (Grenier 10/24)
- 17830 UAE UAE R,Dubai; 0528-0540 EG,many ID's,time pips 0530,tc by W, Meast/Gulf nx by W;fair but fade out quickly (Lucas 11/9)
- 17830 UK BBC; 1500-1600 EG,wrld nx and events (Bonnet 11/7)
- 17830 BRAZIL R Bras; \*0200-0300\* EG,mx by Bras vocalists in PT,local nx,letters from listeners,g(Dickson,Halsema,Bonnet,Grosvenor)
- 17840 SWEDEN RS; 0231-0240 EG,USB xmsn,nx,mx;better than//9695,11705
- 17840 NORWAY RNI; 1430 EG,Norway This Week,vg(Fraser) (Buer 10/10)
- 17855 CHINA RP; 0300-0319 EG,nx,features (Sharpe 10/10) 0130-0150 EG, history by W,mx,listener's mailbox,weather (Dickson 10/25) 0009 EG,ID 0010,Asiatic nx,disc of Chinese legal system (Bragg 10/25)
- 17860 USSR RM via Khabarovsk; 0502-0532 EG,Mailbag,class mx,p(Choroszy)
- 17865 UAE Dubai; 1900 AR,ID,time signal,nx,vg (Wood,SA 10/15)
- 17870 USSR R Kiev; \*0030-0058\*,0320 EG,cmtry,mailbag(Samuel 10/18,Krist)
- 17875 CANADA RCI; \*2129-2159\* EG,nx,SWL Digest,exc (Krist 10/9)
- 17890 ECUADOR HCJB; 1250,0035-0100 EG,wrld nx,Galapagos pgm(Bonnet,Fraser)
- 17900 USSR R Vilnius; 2300-2330 EG,nx,cmtry,//17870E;g(Krist,D'Angelo) R Kiev; 0030-0100 EG,cmtry>Hello From Kiev (Dickson,Krist)
- 17910 QATAR QBS; 1652-1708 AR,mx,time pips,ID 1700,nx (Kohlbrener 10/11)
- 1605-1635 AR,drama,mx,ID 1630,nx;fair w/QRM (Jordan 10/23)
- 17915 BELGIUM BRT; 1400 EG, replaces 21525 to Nam,//21810 (Zilmer 11/8)
- 17940 UNID 1543-1630 AR,mx,tlk,no // 's in 25,19,16 mb;apparent s/on around 1400,s/off around 1730 (Potter 10/23)
- 18585h UK BBC; 1210-1212 EG,nx,good (Bolland 10/30)
- 19210h USSR RM; 1900 GM,nx by W,better than fund 9605 which is QRM'd(Wood)
- 19320 USSR RM; 1216-1230 RS,song by W,IS at 1229,full ID in RS (Bolland)
- 21465 EAST GERMANY RBI; \*1515-1557\* EG,nx,cmtry (Krist 10/24)
- 21475 FINLAND RF; 1207,1400-1505 EG,nx,cmtry,mx '7 reporters)
- 21475.5 PAKISTAN RP; 0630 EG,live cricket match w/Australia,g(Wood 10/8)
- 21477.5 ECUADOR HCJB; \*2130-2200\* EG,DX Party Line,g (Krist 10/11)
- 21485 USSR RMWS; 0030 EG,mx of Central Asian Republics,vg (Fraser 10/27)
- 21515 EAST GERMANY RBI; 1830-1840\* EG,mx,mailbag pgm,to Afr (Krist)
- 21525 BELGIUM BRT; 1422-1442\* EG,item on kick boxing,mx,g (Krist 10/11)
- 1400-1430 EG,pop mx,cultural rpt,People in Sports (Eisele 10/11)
- 21525 AUSTRIA CRF; \*1230-1255\* EG,anncd new sked for Nov 82: 21615 for 1200-1300,5945 for 0400-0600,and 9615 for 2000-2200: G Hauser's report,Austria Calling,g (D'Angelo,Fraser,Bolland,Krist)

21565 USSR RM; 0010-0030 EG, listener's letters (Dickson 10/26)  
 21570 SWITZERLAND SRI; 1528-1534 EG, Dateline, to MEast (Burke 10/13)  
 21575 NORWAY RNI; \*1600-1630\* EG, Nx & Views, mx, Norway Today (Mayer, Krist)  
 21590 AUSTRALIA RA; \*1400 EG, believe Carnarvon, Commwlth Games, g (Wood)  
 21595 FRANCE RFI; 1557-1700 FR, mx, cmtry, //17775, 21645 (Bonnet 11/8, Purdum)  
 21600 WEST GERMANY DW; 1500 EG, nx, cmtry, contest notes (Zilmer 11/3)  
 21610 JAPAN RJ; \*2345-0000, 0132-0200 EG, nx, mx, current affairs (Paszkiewicz 10/28, Cucura, Krist)  
 21615 SWEDEN RS; 1400-1430 EG, Swed Calling DXers (Eisele 10/12, Hirst)  
 21615 USA WYFR; 1800 EG, Sounds of the New Life pgm, g (Krist 10/24)  
 21630 UK BBC; 1432 AR, tlc, mx, dual path reception, IS 1500 (Hirst 10/23)  
 21640 JAPAN RJ; 0200-0230 EG, press comments, //21610 (Halsema 11/6, Dickson)  
 21655 KUWAIT R Kuwait; 1630 EG, nx by W, vg (Wood 10/14)  
 21655 UAE Dubai; 1605 AR, into EG w/ ID 1616 (Hirst 10/23, Krist)  
 21695 CANADA RCI; \*2000-2029\* EG, nx, rpt on seal hunt, exc (Krist 10/21)  
 21699 ITALY RAI; 1355 IT, IS, to NAM; drift from listed 21695, and severe 1KHz heterodyne w/ R Sweden 21700; f (Wood 10/7)  
 21700 UAE Dubai; 0426-0500 AR, presumed them w/modern Arab mx, Tijuana Brass song, tlks in AR; at 0500 theme which seems to be excerpt from Ippolitov-Ivanov's "Procession of the Sardar" followed by nx by W; (Sharpe 10/23)  
 21700 SWEDEN RS; 1400 EG, Sweden Calling DXers, f (Zilmer 11/2)  
 21700 NORWAY RNI; 1400 NO, w/EG ID, into NO mx, //25730, 26030, g (Zilmer 11/8)  
 21705 NORWAY RNI; 1800 EG, Norway This Week, //21730, 17825, p (Zilmer 10/31)  
 1820-1830 EG, Listener's Corner, off at 1831 (Bragg 10/24)  
 21710 USA UN Radio; 1940 EG, tlc on Namibia, disarmament (Samuel 10/27)  
 21725 NORWAY RNI; 1600 EG, Norway This Week, //25730, 25615; g (Zilmer 11/7)  
 21740 AUSTRALIA RA; 0000-0215 EG, world, local nx, pop mx, good (Halsema 11/6, Dickson, Cucura)  
 21775 USSR RM; 0200 EG, nx, Moscow Mailbag, p (Zilmer 11/4)  
 21780 SPAIN REE; 1600 SP, tlc, mx, //17660 g; (Zilmer 11/8)  
 21800 PAKISTAN RP; 1100-1115\* EG, dictation speed nx (Clifford 10/10)  
 21802.5 PAKISTAN RP; 1000 EG, cricket test w/ Australia, g (Wood 10/14)  
 21832 JAPAN RJ; 2200-2230 JP/EG, 2300-2330 EG, 0031-0053 EG/JP, 0110 EG, 0300-0320 EG, USB General Service expm't, //17755 during antenna test (6 reporters)  
 21840 USA VOA; 1900 EG, This Week in Review, vg (Krist 10/16)  
 23780h OMAN R Cman, Muscat; 1930 AR, drama, fair, 2 x 11890, //9510 (Wood)  
 24240h ARGENTINA R Nacional; 0055 SP, football game; 4 x 6060, //9690 but not 11710 (Sams 10/28)  
 25615 NORWAY RNI; 1400 EG, Norway This Week, nx, //25730 g; g (Zilmer)  
 25615 USA AFRTS; 2312 EG, Howard Cosell, service ad's, vg (Krist)  
 25650 UK BBCWS; 1430 EG, Smash of the Day-comedy, exc, //17790 (Fraser)  
 25780 SWITZERLAND SRI; 1315 EG, nx, Merry-Go-Round, //21570, 21520, 17830 g (Zilmer 10/23)  
 25790 SOUTH AFRICA R RSA; 1130-1158\*, 1420-1515 EG, S Afr Hit Parade, Afr Today pgms; into FR 1158 (Krist 10/23, Eisele)  
 25950 FINLAND RF; 1400-1425 EG, Northern Report, Northern Lights pgms, f-vg (Zilmer 10/27, Wood, Jordan)  
 26000 USA VOA; 1847 EG, Mx Time in Afr, Afr Panorama, f (Krist 10/10)  
 26040 USA VOA; 1900 EG, Afr Svc, f (Krist 10/10)

73's

*Butt*

NOTICE, PLEASE

Headquarters still has a few copies of the mid-month UPDATE for November containing the beginning of the 24-hour scan of English transmission on the 25 meter band which Tom Alleman finished in the UPDATE appearing in this issue of FRENEX. An SASE to NASWA, 45 Wildflower Road, Levittown, PA 19057 will get you a free copy while they last. You'll also see what you're missing when you don't subscribe to UPDATE.

# LOG FRENDX REPORTERS

Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

These FRENDX members contributed loggings to this month's Log Reports:

Brian Alexander, Mechanicsburg, PA; Jeff Biller, East Brunswick, NJ (FRG-7700, DX-160); Gerry Bishop, Christiana, PA (ICF-2001, DX-160); Chuck Bolland, Lakeworth, FL (FRG-7000); Arthur Bonnet, West Lafayette, IN (DX-302); Chuck Bragg, Temple City, CA (HQ-180A); Paul Buer, Miami, FL (SPR-4); Lynn Burke, Newport News, VA (SPR-4); Michael Calderwood, Denver, CO (FRG-7); Paul Choroszy, Saco, ME (FRG-7000); James Clifford, Augsburg, FRG (FRG-7); Ken Cobb, Portland, ME (RF-4900); Dave Cooper, Saginaw, MI; Vladimir Cucura, Reading, PA (R-390, R-7, FRG-7); Richard D'Angelo, Wyomissing, PA; Gordon Darling, Reading, UK; Richard Dickson, Loveland, OH (DX-302, XCR-30); John Dillaman, Kalamazoo, MI (HA-63); Ken Earhart, Allentown, PA; Dennie Eisele, Brawley, CA (DX-300); Marlin Field, Hillsdale, MI (SPR-4, SX-100); John Fisher, Chelmsford, MA (GPR-90); Bob Fraser, Cohasset, MA (XCR-30); Paul Gilster, Raleigh, NC (FRG-7mod, ICF-2001); Pete Grenier, Azusa, CA (FRG-7); Norman Grosvenor, Hollywood, CA (FRG-7); Dave Halbert, Berkeley, CA (R-600); James Halsema, Glenmoore, PA (ICF-6700W); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Del Hirst, Snyder, TX (DX-302); Frank Hixon, Chattanooga, TN (R-1000); Emmett Hoffmann, St. Louis, MO (51S-1, R-1530); Vernon Hyson, Charlotte, NC (FRG-7000mod, RF-2800); Jack Jones, Jackson, MS (R-600); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); Fred Kohlbrenner, Upper Darby, PA (DX-300, DX-160); Paul Kowalski, Milwaukee, WI (R-1000); William Kreuzinger, San Pablo, CA (RF-2200); Kraig Krist, Falls Church, VA (FRG-7700); Steven Lare, Holland, MI (FRG-7700mod); Jerry Lineback, Conroe, TX (R-7); Rick Lucas, Stockton, CA (R-1000); Bill Mayer, Allentown, PA (DX-200, GE portable); Fritz Mellberg, Hawarden, IA (R-1000, HQ-180AX); Dan Miller, ????; WI (RF-2900); Don Moman, Edmonton, AB (R-7, FRG-7700mod); Mike Nikolich, Chicago, IL (HQ-180, SPR-4, SX-190, RF-2200); Sheryl Paszkiwicz, Manitowoc, WI (DX-302); Neal Perdue, Falkville, AL (R-1000); Paul Petersky, Houston, TX (ICF-2001); Martin Potter, Limoges, ON (R-4C, SB-310); Gene Purdum, East Lansing, MI (FRG-7700mod); Steve Reinstein, Miramar, FL (RF-4900mod); Mitch Sams, Farmington, AR (FRG-7mod); Chris Samuel, Winnipeg, MB (RF-2800, ICF-5900W); Fred Schumacher, Kindred, ND (RF-2200, RF-085); Bryan Sharpe, Castro Valley, CA (DX-302); Nolan Stephany, Williamson, NY (R-392); Dave Valko, Dunlo, PA; David Waicutt, New York, NY; Tom Walsh, Chelmsford, MA (R-390A, ICOM 720); Barry Washburn, Glens Falls, NY (DX-302); John Wilkins, Wheat Ridge, CO (R-1000); Richard Wood, Abha, Saudi Arabia (R-7, R-1000); Robert Zilmer, Rio Rancho, NM (R-1000, ICF-5900W).

The deadline for loggings to be received by the Distributing Editor is the 12 of each month. If at all possible, loggings should be submitted on FRENDX log slips or something similar, with loggings cut apart so they can be properly sorted. Reporters should also send a signature slip listing name, city and state and receiver(s) so they can receive proper credit on this page.

As announced last month, there will be a change in Distributing Editor effective with the February 1983 FRENDX. I will be handling loggings for the January issue, which must reach me by December 12. After that date, Nick Pappas, 251 S. Olds Boulevard, Apartment 243, Fairless Hills, PA 19030 will take over my duties and all loggings must be sent to him. Mark this information on your calendars so your loggings won't be delayed in getting to the correct LR editors.

73 de tc,

*Terry*

# ANTENNAS/ACCESSORIES

EDITOR: MIKE AGNER 301 N. PROGRESS AVE APT. G10 HARRISBURG PA 17109

Hi everyone! I seem to be in a bit of hot water...my contributions file is empty! Where did everyone go??? I hope that this is only a temporary inconvenience and that by the time you read this my mailbox will be chock full of other things than bills. Onward....

Ed Kusalik, Canada (howdy Ed. He writes he has 2 separate locations so I will use them both. Would that I would be so lucky...mja)

In Ontario

120/30/60/49mb dipoles (120 m dipole???o boy, am I getting green around the gills...mja)  
Murich 86d tuned dipole (Ed is this a Canadian manufac.? 2TH pse mja)  
125 foot Marconi long wire

In Alberta

Murich 86d tuned dipole in an inverted V fashion  
90 foot inverted L  
80 foot inverted V (Ed sez it is not cut to any special band, but I bet 49 comes in gud with this right? mja)  
JVC Cassette deck KD10  
High/Low?medium pass filter box (???mja)  
Radio Shack stereo headphones  
homebrew pi network tuner  
old Mark 19 military headphones

Don Saunders, NJ

75 foot random wire  
32 foot random wire  
11 meter 5/8 wave collinear vertical (a point of reference- 11 meter = 25.5 Mhz or CB? mja)  
40 foot trapped dipole (tuned for what bands, don? mja)  
FRT7700 antenna tuner  
MFJ1040 preselector  
Autek QF1A audio filter  
Ameco PT2 preamp  
Superex APS11 headphones  
Gold line switch

I have a contribution from a fellow by the name of "Sparky" and he has an amateur call sign of KAODPC. He lives out in Denver Co. Since I don't have a call sign cross reference, if that person is still around, I will gladly associate the name and call sign. Thanx-

Mosley SWV7 vertical  
31 meter dipole fed with 75 ohm twin lead  
70 foot random wire  
5 band ham dipole  
VFA Joystick  
High Gain 18AVT vertical  
30 meter dipole oriented N/S  
homemade tuner  
B & W 5 position coax switch

*Mike*

I have just enuff room left to wish all my friends a very happy and safe holiday season!

THE NASWA AWARDS PROGRAM

The NASWA Awards Committee presently has forty-one individual awards that are available to the membership upon receipt of proof of qualification. As you will note from the following, qualifications for most are difficult. However, there are a number of awards that should be obtainable by the beginning DXer after some work. The Awards Committee wants to make NASWA's program a worthwhile one, and not simply some meaningless way to issue pieces of paper to hand on your walls. A NASWA certificate of accomplishment is something to be proud of, and cannot be easily earned.

Each certificate is individualized and are rather inexpensive, considering today's inflated economy, with each award being only 50 cents in coin or check, or four 13¢ stamps for U.S. members, and 3 IRCs elsewhere. (Stamps of denominations larger than 24¢ will be returned with the application to the applicant, for I cannot use them). While the awards program has been in existence for 4 years now, the prices haven't changed while supplies have increased in cost. However, the Awards Chairman is attempting to keep the cost down at the 50¢ level for as long as possible to make the awards financially "available" to the membership.

The certificates are suitable for framing and will make a nice addition to the listeners collection.

Applications for any of the awards are to be filed, with payment, direct with the awards chairman at the address listed below, and all applications must be complete for each award and clearly indicate the following:

1. Country name(see country list)
2. Station name
3. Date QSLed
4. Frequency confirmed
5. Type of QSL received(letter, card, etc)
6. Veris signer(if available)
7. For QRP awards, the power must be given

All inquiries and questions on individual awards should be directed to the awards chairman:

Dan Henderson  
 NASWA Awards Chairman  
 7921 Anfred Drive  
 Laurel, Maryland, 20810 U.S.A.

The awards chairman reserves the right to request additional information or copies of individual QSLs at any time for "proof of verification". Also, if an award application is rejected, the applicant will receive his application back with the reason given and the money refunded(minus postage costs for returning the application).

AWARD	REQUIREMENT
European Continental DXer	Verification of one station in at least 25 different European broadcast countries.
European Continental DXPert	Verification of one station in at least 35 different European broadcast countries.
African Continental DXer	Verification of one station in at least 40 different African broadcast countries.
African Continental DXPert	Verification of one station in at least 50 different African broadcast countries.
Asian Continental DXer	Verification of one station in at least 30 different Asian broadcast countries.
Asian Continental DXPert	Verification of one station in at least 50 different Asian broadcast countries.
North American Contiental DXer	Verification of one station in at least 15 different North American broadcast countries.
North American Continental DXPert	Verification of one station in at least 20 different North American broadcast countries.
South American Continental DXer	Verification of one station in at least 10 different South American broadcast countries.
South American Continental DXPert	Verification of one station in at least 13 different South American broadcast countries.
DXer de Pacifica	Verification of one station in at least 10 Oceania broadcast countries.
All Continent "QRP" DXer (For 50, 25, 10, 5, and 2 kw-- revision stickers 10 cents each)	For verification of one station from each radio continent, with the power from the lowest powered station verified in each continent totaled together for the lowest possible wattage combination, not exceeding the values indicated above.

All Voice of America DXer	For verification of 14 different VOA transmitter sites.
Maple Leaf DXer	For verification of 8 Canadian shortwave broadcasters of which RCI can be only one. The stations include CHU, CFRX, CKFX, CHNX, CKZU, CKZN, CFCX; and RCI, for a minimum.
Soviet Sphere DXer	For verification of one station in at least 10 Soviet Sphere broadcast countries in the Soviet Union. (Does not include stations in Poland, E. Germany, etc.)
Master Soviet Sphere DXer	For verification of one station in 15 Soviet Sphere broadcast countries.
Ecclesiastic DXer	For verification of 15 religious oriented broadcast stations--any station that is owned or operated by a religious organization. (SW only)
Senior Ecclesiastic DXer	For verification of 25 religious oriented shortwave broadcast stations.
ORTF DXer	For verification of at least 7 of the stations that have been controlled by the ORTF, one in each or seven broadcast countries. (Includes Fr. Guyana, Martinique, France, Djibouti, Re-Union, Comoros, Tahiti, New Caledonia.)
Emissora Nacional DXer	For verification of at least one station in each of 6 broadcast countries that were Portuguese territories on 1 January 1974. Includes Port. Guinea, Azores, Sao Tome, Angola, Mozambique, Timor, Cape Verde, and Portugal.
Senior Indonesian DXer	For verification of at least one Indonesian station in each of the 7 Indonesian broadcast countries.
Master Indonesian DXer	For verification of at least one Indonesian station in 13 or more provinces or special districts, including one from each broadcast country.
Senior Subcontinental DXer	For verification of at least one Indian station in 5 of the Indian states or districts.
Master Subcontinental DXer	For verification of at least one Indian station in 10 of the Indian states or districts.
Senior Nigerian DXer	For verification of at least one station in each of the 4 Nigerian Regions and the Federal District at Lagos.
Master Nigerian DXer	For verification of 9 or more Nigerian transmitter sites.
Senior Ecuadorian DXer	For verification of at least one station in 12 or more of the Ecuadorian provinces.
Senior Brazilian DXer	For verification of at least one station in each of 20 of the Brazilian states and Federal Territories.
Senior Venezuelan DXer	For verification of at least one station in each of 15 Venezuelan states.
Senior British Commonwealth DXer	For verification of at least one station in each of 30 countries that are or have belonged to the British Commonwealth.
Master British Commonwealth DXer	For verification of at least one station in each of 40 countries that are or have belonged to the British Commonwealth.
Papua New Guinea DXer	For verification of at least 10 stations in areas controlled by Papua New Guinea.
Master Papua New Guinea DXer	For verification of at least 15 stations in areas controlled by Papua New Guinea.
Tropical Band DXer	For verification of at least one station in each of 50 countries located between the Tropics of Cancer and Capricorn, operating on Shortwave below 6000 KHz.
Senior Tropical Band DXer	Same as Tropical Band DXer, except the number of countries is increased to 75.
Arab World DXer	For verification of at least one station in each of 15 countries that use Arabic as the major (first or second most common) language.
Arab World DXPert	Same as Arab World DXer, except for 24 countries as the requirement.

## DX CENTURY AWARDS

World Wide DXer	For verification of at least one station in each of 50 different broadcast countries.
DX Centurian	For verification of at least one station in each of 100 different broadcast countries.
Senior DX Centurian	For verification of at least one station in each of 150 different broadcast countries.
Master DX Centurian	For verification of at least one station in each of 200 different broadcast countries.

Well, that describes all the awards. I should say that more awards are being considered, like a W. Germany award and a time station award. What would the membership think of an OPEC (Organization of Petroleum Exporting Countries) award? That would surely be in keeping with the times! As most of you know, I am always open to new and different awards suggestions and I appreciate all of them and consider each and every one. I do hope you noticed in the North American DXPer award that the totals have been reduced to 20, in keeping with the current state of broadcasting in North America. However, it will be some time before the certificates are ready. What do you think of an Australian DXer award? Please let me know!

My policy on issuing awards is as follows: I attempt to expeditiously reply with each application---however, sometimes my work keeps me away for days and weeks at a time, so don't give up hope--the award will come. Also, PLEASE REMEMBER---IF YOU WANT YOUR AWARD, YOU MUST PUT YOUR NAME AND ADDRESS ON EACH PAGE OF THE AWARD APPLICATION. IF YOU DON'T, THERE IS AN INCREASED POSSIBILITY THAT YOU WILL NOT GET YOUR AWARD. While my records keeping is good (each person who submits an application is assigned a separate folder), sometimes the applications get mixed up and if your name is not on each sheet, I cannot always guarantee that you will receive your award. As many of you know, I generally am pretty good at getting your award back to you with all the proper information. If the award is not correct, please send it back and I will replace it at no charge to you. Anyway, I do hope that the membership will continue to support the awards program---just remember that the program is PRIMARILY FOR DXERS, and since awards will not be easy to obtain. But that is in keeping with the intent to provide an awards program that will present attractive awards that will be treasured by the DXer.

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SHORT WAVE CERTIFICATES — Kenneth Briscoe of New Albany has received two DXer certificates from the North American Shortwave Association naming him a voice of America and world wide shortwave

distance listener. In the 21 months Briscoe has been involved with shortwave radio he has logged 125 shortwave stations.

(Tribune Photo By Don Beck)

HAP THANKS: Lorne Saxberg, A. Hughes, Gordon Darling, Roger Giannini, Frank Pagano, Sheryl Paszkiewicz, J.D. Thornton, Pete Grenier, Ruth Hesck, Don Moore, Ralf Munster, Real Lavoie, Tom Haskett, Rob Harrington, Steve Shaffer, John Fisher, Pete Nolan, Dan Jakubowski and Jim Meehan.

HAP BID ITEMS: ITEM #120:4X0 Otago Radio (New Zealand) sticker (3.5x4.5") blue, green, white. #121:Radio Goteborg (Sweden) sticker (3x5") B&W, orange. #122:Radio Norway cloth "Flag" pennant (2x3.5") red, white, blue. #123:W2Z0 "2-95" metal license plate (6x12"). #124:Gold Coast Radio 4GG (New Zealand) sticker (7" cir.) really beautiful! #125:Radio Freedom 3FFF (New Zealand) pirate sticker (3x6") red, white. #126:Voice of Turkey 5 different QSL cards. #127:Radio Budapest (Hungary) 3 different QSL cards. #128:Radio Budapest 5 different postcards. #129:Radio Berlin International (DDR) 3 different QSL cards. #130:Radio Bucharest (Romania) 3 different QSL cards. #131:WDR Radio (FRG) very large m/c poster. #132:RIAS (West Berlin) very large m/c station poster. #133:Radio Habana Cuba station poster, m/c-nice! #134:BBC Radio 4 (UK) large station poster. #135 Deutsche Welle (FRG) sticker (4.5x4.5") red, B&W. #136:Deutsche Welle sticker (4x4.5") red, white, blue. #137:4ZB (New Zealand) sticker (1.5x7.5") m/c. #138:4XD (New Zealand) sticker (1.5x7.5") blue, white. #139:WBMM "Rainbow" decal (4x8") m/c. #140:IBA (Israel) cloth pennant (5.5x10") blue, white-beautiful! #141:WWWE large two-tone brown plastic litter bag. #142:CBC (Canada) "Dr. Bundolos Pandemonium Medicine Show" T-Shirt iron-on decal, m/c. #143:CBC "90 Minutes with a Bullet" T-Shirt iron-on decal, m/c. #144:Radio Tour Eiffel (France) sticker (2.5x5.5") blue, B&W-really sharp! #145:Radio Monte Carlo (Monaco) sticker (2.5x9") red, white. #146:Radio Libertaire (France-Anarchist Radio!) sticker (3.5x4") B&W-rare. #147:7EX (Australia) sticker (3x4.5") red, blue, yellow. #148:7LA (Australia) "I Love Lonny" heart shaped sticker, red, white-cute! #149:Cleveland Area Cable TV cloth arm patch (3" cir) blue, white. #150:HCJB (Ecuador) black/silver pin-very nice! #151:HCJB paper pennant (4x9") yellow, black. #152:WFEZ gold belt buckle-heavy duty metal! #153:WITL brown belt buckle-heavy duty metal! #154:KICY (Alaska) blue/white thick plastic money pouch-rare! #155:Radio Peking (China) cloth pennant "Young Girl" (6x10.5") m/c-sharp! #156:Radio Peking station pin, blue, white. #157:Radio Peking station pin, red, blue & white. #158:Greek DX Club sticker (4x4") m/c. #159:WDR Radio (FRG) 3 different stickers, m/c. #160:Voice of Turkey cloth pennant (7x12") m/c-very good looking! #161:Radio Sweden paper pennant (4x8.5") yellow, blue. #162:BBC World Service metal station badge (1.5" cir) red, white, blue. #163:WPLR key chain, red, white. #164:WDR Radio station pen, blue, B&W. #165:BRT (Belgium) paper pennant (4x8") m/c. #166:Adventist World Radio (India) paper pennant (4x9.5") blue, white, yellow. #167:Radio Nederlands stick pin, m/c. #168:WDR Radio (FRG) "Owl" pin, m/c-very nice! #169:Radio Vatican cassette tape of Rosary by Pope John Paul... Hope there is something here for you!... Sam.

HAP BID WINNERS: B. Wien (2,6,15,27,46,69); D. Lasky (1,43,59,63); J. Caravan (10,31,47,52,61); K. Krist (11); D. Prezyna (12,13,68); B. Hassman (3,23,24,33) D. Hosmer (35,66); N. Tedford (32); C. DePrine (29,37); D. Dankert (36,42); R. D'Angelo (38,39,44,45,67); E. Newlon (34); C. Mann (40); M. Henrie (41); S. Leite (60); I. Grant (55,56,62)... Thank you very much ... Sam.

HAP DIRECT SALE ITEMS: The following items are \$ .25 each or any five (5) for \$1.00. New since last issue: KGO, WCAU, KMET (large), KMET (small), KWK, KTYD, WERE, WWWE (new), Music TV, WGCL (new), WHK, WSST, WRCC (large), WRCC (small)... We also have the following at the same prices: WSAI, WMET, KSAN, KAZM, WGLB (gold) WGLB (silver), WJNC, KYKS, KBOI, RADIO RSA, Radio Budapest, KOKE, KWIF, KLRZ, Radio Exterior de Espana, Radio Avon, KMFB, Radio Orwell, Radio Forth, KEX, KOME (black or yellow), WLRN, WDOM, KCUZ, KILZ, KSIR, Radio Canada International, PCH, KTXQ, KJR, KCOL, CKLG, WCMF, ABC-PM Perth, Radio Tees, Radio France International, 1ZB, BBC-World Service, ORF, 6KY, Swiss Radio International, 6WF, 4GG, CKNW, WJVA, WLPX KATR, KBDP, KBDP-1280, KWAX, Radio Aire, WMMR, WIRE, KHFI, WLUP, WINS, WPLR, KROY, WWSW, WHAL, WCFL (large), WCFL (small), KSFX, WDET (large) and WDET (small).

ADDRESS: Send in all your orders for direct sale items and bids to: Sam Barto, 489 King Street, Bristol, Conn. USA 06010.

ADDITIONAL DIRECT SALE ITEMS: The following items are for sale at these prices: WINS visor cap \$1.50; WMMR book covers \$.25; WEMP iron-on \$.25; CBC Southwest Ontario litter bags \$.50; These B&W mini-posters are \$.25 each: Radio London, Radio Nord, Radio West, Radio Fil Rose, Radio Duomo (car), Radio Duomo (woman) 5UV (clock), 5UV (food) Radio Caroline and Voice of Syncron. WWON ice scrapers \$.50; 2GB balloons \$.25; KLOS balloons \$.50; KCRG plastic ID card \$.25; KBOI paper hat \$.75; The following metal station badges are \$.50 each: KZAM, CFTK, Radio Forth, CFTR, CFTR "Blues Brothers", WLPX, Radio City WMET, WMMR and WLUP.

NOTICE: Please try to keep your minimum order in North America to at least \$3.00 and \$5.00 if overseas. We actually lose money on the \$1.00 orders. I hope you understand. Remember everything you purchase is tax deductible for IRS purposes.... Sam.

# NORTH AMERICAN SHORTWAVE ASSOCIATION

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Levittown, Pennsylvania 19057

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Update: Besides FRENCH, NASWA also publishes UPDATE.....a mid month newsletter with the very latest DX news while it's still news. (UPDATE also appears in each issue of FRENCH). It is only available to NASWA members.

#### "UPDATE" SUBSCRIPTION RATES PER YEAR:

North America (First Class).....	\$4.00
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