

FRENDX



**STEWART MACKENZIE
ANARC**

**North American Shortwave
DXER of The Year
1982**



Welcome to 66 new and returning NASWA members who have joined the ranks since our previous listing which last appeared in the September issue of FRENEX. We hope they will find their new membership to be helpful.

ALLEN, Wayne O., Rochelle, IL
 ATKINS, Kevin, Birmingham, LA **
 BECK, R.L., Seattle, WA
 BERNE, Dr. David, Brooklyn, NY
 BIERMANN, Dale, Des Moines, IA
 BINDER, Louis M., Cincinnati, OH
 BLEICHER, Jack, Springfield, IL
 BOWERS, Phil, Nashville, TN
 BROUTY, Michael J., Dexter, NY
 BUCK, David, Mississauga, Ont.
 CATANZARO, Joseph J., Brooklyn, NY
 COOPER, Dave, Saginaw, MI
 EISELE, Dennie, Brawley, CA
 ELLIS, William, Garden City, NY
 FARBER, Theodore M., Rockville, MD
 FORD, Steven, Centerville, OH
 FORRESTER, Robert L., Jr., Altus AFB, OK
 FRAMPTON, Geoff, St. Johns, Nfld.
 GENTRY, Don, Brandon, MS
 GERHARDT, Edward J., Miami Shores, FL
 GLASS Christopher H., APO New York
 GNAEGY, Roland C., De Bary, FL
 GRAY, William A., Bensenville, IL
 HALBERT, Dan, Berkeley, CA
 HARTER, Paul W., Overland Park, KS
 HARTREY, Richard M., Seminole, FL
 HAWKINS, Steve, Oakland, CA
 KALLIO, Robert W., Milwaukee, WI
 KELLER, Jerry, Norco, LA
 KIBBE, Dennis, Tempe, AZ
 KINCHEN, Choice R., Houston, TX
 KLINE, T. P., Eugene, OR
 KRAATZ, Louis C., Milwaukee, WI **
 KUMETZ, Ronald P., Elmwood Park, NJ
 LARE, Steven R., Holland, MI

LAST, Katherine A., Devon, PA
 LOEB, Thomas J., Arlington Heights, IL
 LOMBARDO, Paul B., Tampa, FL **
 LYNCH Terry & Kathy, Temple, ME
 MAGICK, Michael, Glendale, AZ
 MITCHELL, Rowland J., Grand Rapids, MI
 MOORE, Robert S., Hacienda Heights, CA
 MOORE, Rev. Roger K., Grand Bay, N.B.
 OBERST, Ronald B., Greenacres, WA
 PATTULLO, William, Belmont, CA
 PETERS, Wallace N., Stillwater, MN **
 PETERSKY, Paul W., Houston, TX
 PETRONI, Dana, Chicago, IL
 PINTO, Vincent J., Suffern, NY
 POVSIC, Frank M., Ft. Lauderdale, FL
 RITT, Arnold, Hampton, VA
 ROSE, Stanley, London, England
 SCHWARTZ, Harold R., Houston, TX
 SIEBERT, R.F., N. Huntingdon, PA
 THIBODEAUX, Keith J., Baton Rouge, LA**
 TOPOLESKI, John J., Philadelphia, PA
 TORUNO, Jorge A., Meroux, LA /TX**
 VAN HORN, Larry & Gayle, Grand Prairie,
 WALLACE, Jim, Hector, AR
 WASHBURN, Barry, Glens Falls, NY
 WATSON, James W., Manhattan, KS
 WEBSTER, Kathleen, Sheridan, OR
 WHEELER, Frank C., Andover, KS **
 WILLIBALD, Kallinger, Vienna, Austria
 WOLFINGER, Kenneth R. II, Altoona, PA
 ZEITLER, Bill, Wilmington, DE **

** Welcome back to these former NASWA members!

The next Roll Call will appear in the January, 1983 FRENEX.

NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

THE COVER

This month's cover is self-explanatory. The gentleman with the winning smile is Stewart MacKenzie, director of the American Shortwave Listeners Club, who was voted ANARC's DXer of the year for North America. Congratulations, Stew.

NEW ANARC EXECUTIVE SECRETARY

Congratulations are also in order for Terry Colgan, NASWA's Distributing Editor, who was named the new Executive Secretary of ANARC. Terry has done a beautiful job for NASWA as Distributing Editor and it's certain that he will apply the same dedication to his new position. He asks that anyone who has any comments or suggestions concerning ANARC's roll in the Shortwave Listening hobby please write to him at 8120 Ripplewood Drive, Austin, TX 78758. Terry will continue as NASWA's Distributing Editor for the December and January issues. Distribution thereafter will be handled by Nick Pappas of Fairless Hills, PA. More on this in the next issue.

CMDXA DX-GRAM

Donald E. Stidwell reports that the Central Maryland DXers Association bulletin, the DX-Gram, is available and free to all who send an SASE to him at 8508 Eberle Drive, Apt. 101, Baltimore, MD 21215. Don also reports that the next issue of the DX-Gram will introduce a QSL Column by Tony Kobylski and a Station Schedule Column. Anyone may contribute material to these two columns, but loggings are accepted only from Maryland residents.

NASWA RADIO COUNTRY LIST UPDATE

Several members have recently inquired about the availability of a revised NASWA Radio Country List booklet since the current one in use is the 1981 edition. A few have sent money assuming new booklets are published yearly. Actually, there have been very few substantive changes in the list since the "Radio Country List & Awards Program" booklet was published in 1981, so no plans have been made for a new printing in the immediate future.

NASWA Country List Committee Chairman Don Jensen has, however, prepared a Radio Country List Updater which outlines all changes that have occurred since the booklet was published. Anyone with the 1981 list can bring it up to date by obtaining a copy of this Updater.

If you have the 1981 list, you can send a self-addressed business size (#10) envelope with 20¢ U.S. postage affixed to NASWA COUNTRY LIST, P.O. BOX 13, LIBERTY, IN 47353. Canadian members can send 25¢ in Canadian coin in lieu of stamps along with the envelope.

Anyone who does not have the 1981 booklet and is interested in the Awards Program can obtain both the booklet and the Updater by sending \$1.00 instead of the SASE. This should also be sent to the Liberty, IN address. Overseas NASWA members can send \$2.00 in U.S. funds for a copy by airmail.

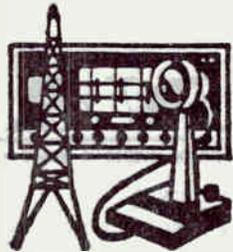
CIDX WRTH OFFER

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. For more information please write to the CIDX, 6815-12 Avenue, Edmonton, Alberta, T6K 3J6.

Shortwave

GERENTE: CHRIS HANSEN, 2825 WEBB AV., #107, BRONX, NY 10468
Telephone: (212) 549-6613 2230-0330 Weekdays, all day weekends

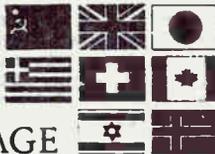
Center



NOVEMBER 1982

If the advertisement below piques your interest -- read on!

THE WORLD IS SPEAKING OUR LANGUAGE



The world would like to speak to you - in English! That's right, in your own language. There are hundreds of hours in English language programs beamed to the US every week over shortwave radio.

Stations like the British Broadcasting Corporation, Radio Moscow and Radio Japan are just a few of the dozens of stations airing programs that thousands of Americans listen to - in English! And you don't need an expensive radio - that small portable or old antique radio will probably do just fine.

Here are a few tips for the best listening:

- Listen after dark - best between 7-11 PM.
- Most stations are grouped in bands - try just above 6 MHz, just below 10 & 12 MHz
- Connect an outside antenna - about 20 to 50 feet of stranded copper wire hung horizontally is best.

**SHORTWAVE RADIO - Because
the world is speaking our language**



NORTH AMERICAN SHORTWAVE ASSOCIATION
45 Wildflower Road
Levittown, Pennsylvania 19057

IT SOUNDS TO ME!

Our "It Sounds to Me" reporter this month is Randy Erickson of Pennsylvania, who is a professional management consultant in the area of marketing communications. He designed the ad which graces the first page of Shortwave Center this month, and he's got some observations about the role of marketing and publicity in the organized shortwave hobby. Without further ado, I turn the floor over to Randy.

The first question you mentioned (in my August article, ch) is whether we want more active hobbyists. I won't take the time to go into a discussion of this, but I feel the majority of us would feel more listeners would be a benefit to the hobby and, though it may make QSLing more tedious for us, would be advantageous to the international stations we are listening to.

The second question is, then, what kind of promotion do we use to gain more hobbyists and whether these methods will be cost effective. The selection of the correct marketing strategy depends on careful research in determining the product, price, place, and promotion we are dealing with. Research will determine exactly which directions of promotion are dead-ends and which will help the hobby. One of the first things that should be done is to determine why our members joined NASWA and why others passed us by. It's too easy and sometimes disastrous to make generalizations.

Careful research will help us solve the questions that must be asked when marketing is being approached -- what degree and plans do we use in regard to product, price, place, and promotion. When it comes to product, what exactly are we promoting? Zenith put out many dollars in advertising their Trans-Oceanic radio about ten years ago. Their television commercials took the right approach in selling to a nontechnical target market -- they sold the excitement of shortwave listening. Instead of telling specifications on sensitivity and selectivity, they showed how you could hear the premiere of an opera from Italy (though I must admit I've never heard that on RAI). I'm not sure how well they succeeded, which is contingent on not just how good the advertising was, but on the market (or lack of market) that was there to buy the product. This is what makes me wonder if there really is a mass market for shortwave listening. If someone can watch Peter Jennings do the news live from London every night on color TV, will many people want to listen to the news from the BBC? The media habits of Americans are set in "concrete"; the majority of them will merely take whatever is available on television. To me, shortwave radio is the most interesting and exciting hobby anyone could have and I recommend it to anyone.

If we are concerned about introducing people to shortwave radio, we must also overcome the obstacle of people needing to buy the proper equipment. I started out on a small 5-band portable, which I quickly outgrew. As I look back on it, the manufacturer did a terrible job in promoting his product after the sale -- there was nothing included on how to use the radio more than just where to put the batteries and describing the switches. I was fortunate that I made the jump from casual and unorganized listener to DXing. Shortwave listeners don't have the money to do the job the equipment manufacturers should be doing.

What is our product? It is the excitement, enjoyment, and entertainment of shortwave radio -- whether the listener intends it for a QSL, for information, or just to be able to listen to foreign programming. We must "position" ourselves against the easy information of television for the news gatherer and to those looking for a good hobby, as a means of learning more about the world while pursuing an interesting hobby.

The idea of "positioning" in advertising needs more space to explain than I have, but can be simply stated as 'the way the potential buyer pictures the product against other products.' We can position ourselves as an alternative to television news (as Avis positioned themselves against Hertz), or as an extra source of information (Coke is now using 'line extension' with Diet Coke, and positioning the new product with Coke, but in a different fashion than Tab). We must put ourselves in the place of the average person and show them the benefits of getting into the hobby of shortwave radio.

The second aspect of marketing strategy is price. Do we promote to those who already have receivers so that they will become more interested in the hobby and NASWA, or do we target to those without receivers and persuade them to spend \$100 or more to begin in the hobby. Our ultimate goal will determine the strategy we take.

a piece of promotion is a peculiar problem in this situation. We aren't selling in a store and we are selling (not including the equipment) an intangible product. However, direct-mail marketing has seen a great increase in the last few years due to the high cost of selling. We may be able to work with direct-mail, but a suitable segmentation of the market would be hard to find. If we advertise in places like the WRTH, then we are basically going after the market we probably already have. Personal selling is the best way to promote technically-oriented products, and I'm sure a good deal of our members were either introduced into the hobby or into NASWA through friends. I feel the strongest areas we could use in promotion are: through current members, radio stations on shortwave, and receiver manufacturers.

Finally, we come to promotion. The preceding material is not intended as an educational lesson, but to establish the procedures and rationale for the following ideas. Here are some unrefined ideas:

1. Promotion through radio stations -- the idea here is to use the lists of people sending in for QSLs or information. We could send them a direct-mail piece on NASWA. The larger, easier to receive stations would be selected. Very honestly, I doubt very much if we could ever find a station so cooperative as to lend us their lists, but it certainly can't hurt to try. If it's not possible to obtain these lists, we may be able to prepare a promotion piece that would be sent along with replies to listeners from the radio stations. The stations could be paid per piece or by the number of responses we received. We could easily code the pieces to find out which stations are most effective and eventually increase the efficiency by carefully choosing which stations are used.
2. On-air promotion -- it may have been tried before, but I wonder whether any stations have ever been approached about giving air time for promotion of shortwave listening. I know we get into a large problem with government regulations and the fact that stations will be telling listeners to tune to all the stations they can get, but, presented correctly, I feel many stations would feel that promotion for shortwave listening in general will help them in the long run. A unified campaign of news releases, copy, and produced spots would greatly increase the stations' view of DXers.
3. Promotion through manufacturers -- has anyone ever approached receiver manufacturers with their promotion of shortwave in general? This would be for manufacturers of low-and portable receivers on small models that someone could buy to start in the hobby without technical knowledge. A piece can be designed and inserted with receivers and give some simple guidelines on how to use their shortwave bands, along with a reply card for more information on DXing.
4. Publicity releases -- there are many small and medium sized newspapers that will accept interesting articles on something like shortwave radio. The Falklands war and shortwave is an excellent topic, and there are and will be plenty of other topics to write about. There are about 9,000 weekly newspapers in the U.S., and a list of them is available for sale. However, it may work well to distribute such articles to members, and then have the members distribute them to newspapers in their areas.

I write this, the question I keep asking myself is -- Who will pay for this? Could ANARC afford to undertake anything like this, or would ANARC be better fitted to carry a publicity campaign? Used correctly, marketing and promotion is a money-making operation.

Ad which appears on the front page of Shortwave Center is an example of the type of ad I have in mind. I can think of many other topics we could run ads on, but I chose this one to begin with because this is the biggest response I get when I tell people about shortwave radio--people think it's just a lot of gibberish in languages they don't know. This ad also presupposes that people already have a radio with shortwave frequencies, but never use them. Targeting to people who do not now have radios would be harder, but still could be done.

When I mention ads, I don't mean that we would pay for the space. This would be too expensive and very inefficient. We would need to add a line just above NASWA's address that would mention something to the effect of: "a public service message from ...". This would put us in the status of a non-profit organization requesting free space. A number of papers that would run them would be very few, but if I'm doing them for ANARC and NASWA or ANARC could print them, it wouldn't cost very much. If NASWA printed them up on slick paper and slid them into the middle of the bulletin, the members could distribute them to papers in their area.

IT SOUNDS TO ME (concluded)

Thanks for your ideas, Randy. I think that ANARC should keep you in mind to serve on the Public Relations Committee, if you're willing.

Many NASWA members will remember the ads Sony ran in many high-class magazines two years ago when they introduced the 2001. It consisted of a little girl sitting on the floor with the 2001 in front of her, and a globe behind her. I guess they were supposed to make the general public think good thoughts about the Sony 2001, because there was very little about the actual radio. Let's get some comments next month on the ad on the first page of SWC, other ideas for possible ads, and thoughts on where advertisement would do the most good.

.....

Neal Perdue is checking in this month with some solutions to a popular receiver's audio problems.

SIMPLE HOME REMEDIES FOR KENWOOD R-1000 AUDIO PROBLEMS

The Kenwood R-1000 is an effective DX-machine, in use here for six months, and at considerably less than \$400 from many ham dealers, it may well be the best bargain presently available in a sensitive, stable, digital-readout general coverage receiver with no significant overload or image problems. Its one glaring deficiency is its mushy audio quality in DX situations. The rig has so many good features that I hated to think of letting it go, and concentrated instead on finding ways to improve the audio quality by external means, without any modifications to the circuitry. The most effective method turned out to be the use of the MFJ SBF-2BX (\$29.95 + \$4 S+H) Sideband Filter with standard-type low-impedance phones. This filter automatically switches in a high-pass filter in all selectivity positions.

Second best is using just the Telex Twinset low-impedance phones (available from Gilfer) with no filter. These phones have a very narrow voice-frequency response and actually seem to perform much of the work that a high-pass filter does. The \$73.00 Antek QF-1A filter was used, with phones and speaker, and could not match the performance of the MFJ model with phones. The MFJ filter will not, however, drive a speaker, unless an audio amplifier is placed in the circuit after the filter.

Getting good audio quality from a speaker has been the big problem. The built-in speaker is totally inadequate but for the most casual listening. The sound produced by this speaker is muffled and full of low-frequency garbage. A good-quality external communications speaker will help. Using the QF-1A with such a speaker will help some more, but still falls short of my idea of "good audio."

Therefore, the bottom line is that for DXing the best results have been obtained with the MFJ filter and a set of Superex Com-2 phones (also available from Gilfer at modest cost). I am NOT saying that the QF-1A won't work well with other receivers; it does a very good job for my Drake 2-C. Nor am I saying that the MFJ filter will do wonders for ALL receivers. I AM saying that the MFJ filter is best with the R-1000 when used as described.

One little trick that often helps sharpen the audio is to tune slightly above or below the center of the passband. The improvement from this is generally more noticeable when not using a filter. All of these comments apply only to AM-mode reception using the 2.7 kHz selectivity position. (The 6 kHz position is virtually useless.) Audio quality on SSB and ECSSB is quite good. The rig is supersensitive, selectivity is very good -- in fact, you can usually just "tune away" from a hat, in the AM mode, and still copy the desired station. It's stable as a rock, and as good friend Tom Allaman once noted, is "simple as dirt" to operate. It is also one sharp-looking piece of station equipment.

Having been quite interested in antennas through the years, I must make a few comments about the antenna arrangement on the R-1000. The high and low impedance antenna connections on the receiver seem to be a nice convenience feature, but for DX work between 2 and 30 MHz a low-impedance tuned antenna connected to the 50-239 on the receiver will greatly outperform a random wire -- even a long one -- connected to the high-impedance connector. In conclusion, I will say that with one or two of the suggested audio remedies herein, you will hear and UNDERSTAND about twice as much weak DX as you will without them. That's a strong statement, but I'll stand behind it. Good luck, fellow Kenwooders.



VINTAGE VIGNETTES



WDX3UPA 5M Taylor, Box 132, Unionville, PA 16846

TAYLOR'S TALKER

following article will deal with the construction of a one-tube regenerative receiver "twenties" vintage. I recommend this project to all who possess that certain quality historical inquisitiveness. If care is exercised in the quality of the parts selected and the layout used, the radio will be a continuing source of pride and satisfaction.

would be pointless to venture into this project without a basic understanding of the circuits and their peculiar merits. In terms of pure efficiency, the "genny" by far surpasses all other radio circuits.

basic theory of regeneration involves the recoupling of the amplified plate current back to the grid circuit for further amplification. This coupling is accomplished through the use of a variocoupler. The amount of regeneration applied to the grid circuit is directly proportional to the amount of inductive coupling. The variocoupler may be either the sliding sleeve type or the rotating type (See Fig. 1.) As the third, or "tickler" coil, is brought into either alignment with the primary (rotor), or closer proximity, the amount of inductive coupling will increase. Technically, the greater the coupling allows more lines of magnetic force to cut the secondary coil and, thus, induce a greater signal for reamplification.



VARIOCOUPLERS

FIG. 1

remaining circuits are relatively standard.

The frequency tuning is accomplished through the parallel LC network. A standard type 360 pf tuner, in parallel with a 250 uH (microHenry) secondary, tunes the MW band. The following inductances may be used to tune other bands:

| BAND | INDUCTANCE | LENGTH | TURNS | AWG | INSULATION |
|----------------|------------|--------|-------|-----|------------|
| - 1.5 Mc..... | 250 uH | 3" | 120 | 22 | Enamel |
| - 5.0 Mc..... | 25 uH | 3" | 38 | 22 | Teflon |
| - 15.0 Mc..... | 2.5 uH | 3" | 18 | 18 | Teflon |
| - 36.0 Mc..... | 0.5 uH | 3" | 5.2 | 18 | Teflon |

primary winding may be wrapped over the secondary coil at the tickler end of the tube. The number of primary turns should be approximately one-quarter the number of secondary turns. This coil should be wound either next to the end of the secondary, or over the end of it.

tickler coil may be wound on a slightly smaller form for the rotary; or, it may be wound on a larger tube for the sleeve application. In either case, the number of turns on the third coil should approximate the number of primary turns.

In all instances, the coils should be wound in the same circumferential direction so that they aid, not oppose, each other. That is to say: the direction of each of the windings should be, for example, in the direction of your fingers as you grasp the tube, with all further turns added in the direction toward which the thumb is pointing.

The detector unit is the grid leak type found in the parallel RC filter located on the grid lead. The values stated are not critical, but should be closely approximated.

The power may be supplied from either a 6V lantern battery, or four 1.5V dry cells in series. The 20 ohm rheostat should be set to regulate 5 volts to the filament circuit. The "B" power, or plate supply, may be provided by several 22.5V batteries in parallel (Radio Shack #23-510 @\$4.29).

While the plate current drain is extremely low (on the order of 10 uA), the greater number of cells used in parallel will yield a much longer period of use through lower individual drainage. As few as one or two batteries may be used here; however, at least 4 or 5 are recommended.

Finally, the headphones or speakers must be high-impedance types. These 500 to 5000 ohm devices require a lower driving force than our more modern 4/8/16 ohm devices.

The vacuum tube triode (see Fig. 2) acts as both a detector and audio amplifier tube. This twin function is unique to regenerative circuits.

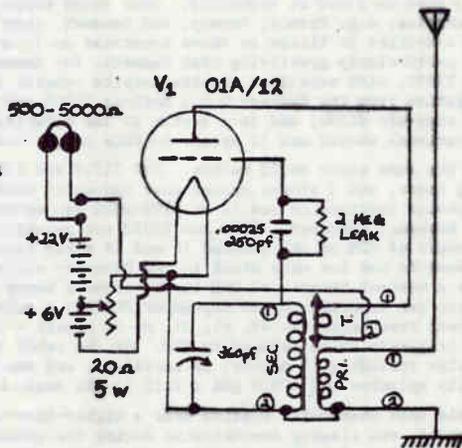
The whole circuit should be mounted on a nicely varnished slab of hardwood. The cost of the parts will vary with certain suppliers. I would generally classify the cost of parts as follows: Headphones, \$12.00; "B" Batteries (variable), \$4-\$40; "A" Batteries, \$4-\$8; 01A/12 tube, \$8-\$12 new, \$4-\$8 used; variocoupler (for MW) from MRL (see below), \$3.50; tuning capacitor, \$2; 20 ohm pot, \$1; and tube socket, \$1. The base cost of this outfit begins at about \$30.

I most heartily recommend Modern Radio Labs, Box 1477, Garden Grove CA 92642 as the prime parts supplier. Their rates are very reasonable. They are the only folks known to this author who market a variocoupler. Give them a holler!

For those of you who may be interested in other vintage construction projects, I have a set of old experimenter circuits from 1924. This set includes Hazeltine, Reinartz, and Cockaday circuits, in addition to eleven other variously configured regenerative, neon-trode, and TRF layouts. These fourteen reprints may be obtained for \$2.50 and a SASE (large business size). So much for now.

PARTS LIST

- 1 4 Pin UK Socket
- 1 01A or 12 Triode
- 1 20Ω/5W Pot.
- 1 360 pF VAR. CAP.
- 1 2MΩ/250 pF GRID LEAD
- 1 HIGH IMPED. PHONES
- 1 VARIOCOUPLER
- 4 DRY CELLS 1½ V.
- 5-10 22½ V. PEN CELLS
- 1 7" x 7" BOARD
- 5 FANN. CLIPS.



73's Bill

Fig. 2

SHORTWAVE LISTENING IN SAUDI ARABIA -- FIRST IMPRESSIONS

by Richard E. Wood

The front cover of the October FRENDX showed where I am now -- Abha, capital of Asir Province in the southwest of the Kingdom of Saudi Arabia. I am a professor in the Department of English, College of Education, Abha Branch, King Saud University. Abha has by far the best climate in the Kingdom, being located at 7000 ft. elevation above the Red Sea. At Sooda; at 12,000 ft. altitude ten miles from here, on the edge of the mighty cliffs above the Red Sea plain, there is almost constant rain; here in Abha, the climate is mild most of the year and cold in winter; there will be snow in the mountains but probably not in town. Humidity is low; there is rain, varying seasonally; and atmospheric noise levels are generally low.

The following can only be initial impressions, as they cover only a month, from mid-September to mid-October. However, since DXers in most locations consider those to be prime DX months, my results might be of interest, especially since there appear to be few other active, well-equipped DXers in the Middle East/East Africa area reporting to NASWA.

Not that this indicates a lack of interest in shortwave listening in this area. On the contrary: schedules for BBC World Service and Voice of America English services are published daily in the Arab News, published in Jeddah and available here by breakfast time. The majority of car radios here have a shortwave band, usually covering 4 to 12 MHz (a higher frequency range would be a better choice, but at least SW is present, in contrast to U.S. car radios), and at local restaurants, background news and music is often provided by the Arabic service of the BBC, which is the most popular station. In fact, mention of "Huna London" makes most people smile and nod their heads in agreement -- they listen too. Radio Cairo is also popular, but its reception on shortwave at present, in Arabic (the African-language services are loudly heard), on an average portable receiver, is unreliable, and people looking for it generally end up with Kuwait, Dubai, Libya, or some other more powerful station with better frequency selection and better modulation (several Cairo frequencies in Arabic show cracked or low audio).

The following shows were obtained with a Drake R-7 and a Kenwood R-1000 receiver, using a random-wire antenna strung over two balconies on the sixth floor of a high-rise apartment building in downtown Abha. There is only one local station, a one-kilowatt on medium wave, which offers no splash, spurs, or harmonics.

As might be expected at this latitude, the high frequencies are open throughout the day and most of the night. This summer, U.S. DXers experienced the frustration of their favorite morning programs from Europe on 13 meters being inaudible, e.g., SRI at 1315-1345 on 21570. This is not a problem here. My only wish is that more stations would use 11 and 13 meters, and use them for longer periods. For example, the BBC World Service is on the air to the Middle East on 25650 at 0900-1515. This could easily be extended, as reception from nearby countries, e.g. France, Norway, and Denmark, shows the band is open earlier and later. It is a delight to listen to those countries on 11 meters, often with SINPO 55555 ratings. It is particularly gratifying that Denmark, for decades a prisoner of 15165, is now boldly using 25850, with excellent results despite reports of antenna and power problems. For propagation from the Eastern U.S., Batheny 26000 and Greenville 26040 are available until their sign-off @2300; and in a letter to Ian McFarland, I have suggested that Radio Canada International should use 11 meters to this target area -- say, Africa and the Middle East.

It is the same story on 13 meters. BBC 21710 and 21470 and RCI 21695 are my favorite listening spots, and I always regret that too-early moment at 2100 when RCI leaves 21695. They should continue to use it at 2100-2300 for my favorite shows, the World at Six and As It Happens. However, 17820 and 15325 are generally good then, too -- but there is always the danger of QRM on the crowded 16 and 19 meter bands, which is unlikely on 21695 by 2100. RCI seems to put too much stock in the Deventry relays on lower frequencies, but they are always a washout because of QRM in the crowded bands. RCI should consider this when it suggests (as reported in the September FRENDX) a relay exchange with SRI. If SRI offers the lower frequencies -- 49, 41, 31, or 25 meters -- it won't be worth it, as anything there is likely to be swamped by QRM. On the other hand, SRI here on its high frequencies (now also including 11 meters) is excellent, and the potent beam to the Middle East on 17830 actually splashes RCI 17820 kHz a full 10 kHz away, many evenings.

The rule that whenever a station uses a higher-than-usual frequency, it is better audible than usual, was clearly demonstrated during the recent Commonwealth Games. As a general rule, reception of Radio Australia here is only moderate. Best frequencies in the afternoon are 9770 (with ORF QRM, as in most other parts of the world), 9640, and, in the late afternoon and evening, Carnarvon 6035). But RA put special transmitters on 21590 and 17870 -- from the relay quality, they sounded like Carnarvon -- and especially 21590 boomed in. In the middle of the night, RA 21650, 21680, and 21740 are often good.

SHORTWAVE LISTENING IN SAUDI ARABIA, by Richard E. Wood, (continued)

Radio Japan has a reputation for bad reception in such target areas as Eastern North America, Latin America, Europe, the Middle East, and Africa, and I can confirm that here. Its Middle Eastern and North African service is a washout, the 11780 kHz frequency drowned by the BBC in, for example, Serbo-Croatian; I have not located a parallel frequency. The General Service occasionally surfaces, e.g., on 9675 mixed with Radio Polonia at 1800 and 1900; a seemingly new Indonesian morning service is noted at sign-on 2230 on 15350. The best way to get Japan QRM-free, if weak in strength, is, as with Radio Australia, to listen on 13 meters in the middle of the night; specifically, to the North and Latin American service 0100-0300 on 21610 and 21640 kHz. The solution to all Radio Japan's problems would be simple: move out of band; follow the excellent example of Radio Korea, booming in evenings on 9870 in Arabic, English, and other languages.

Speaking of East Asia, I might briefly say that, as expected, Radio Beijing (Peking) is all over the place in numerous languages. Reception is, on the whole, better than on the West Coast of the U.S. since more bands are open throughout the local evenings; currently 16 through 60 or 75 meters. Current good frequencies include the edge-of-band 17700 and 15100 kHz. The local-dawn peak for Chinese stations is presently around 2200 (1 A.M. here) and would offer the specialist many fascinating local IDs.

Turning to India, as in the U.S., the best all-round frequency for AIR is 11620. We also receive the East African service on 11830 and 15265 with sign-off 2000, and of course many other services and regional stations in the tropical bands. Radio Pakistan's frequencies appear to vary from day to day; the recent cricket test matches against Australia have provided several new outlets. It is always fun to listen to the familiar dictation-speed news. No, I haven't heard Bhutan yet, although that is one of my goals.

From Africa, the most fascinating area is around Ethiopia and Somalia, close to here. Radio Voice of the Gospel, as it then was, was an easy catch in the U.S. because of its use of high frequencies to distant target areas. Radio Voice of Revolutionary Ethiopia maintains the same facilities, but its schedule is reduced and its target areas are closer. The domestic service operates all day on 7110 and 5995 kHz -- the latter with shallow modulation. The external service is only on 9560 -- 7165 is inactive -- and it actually makes for interesting listening, with more Western pop music and more non-political material than I had imagined. The evening services on 9595 beamed to Southern Africa can hardly be counted as clandestine when they clearly identify as "This is the External Service of Voice of Revolutionary Ethiopia broadcasting to Southern Africa." Programs provided by the African National Congress of South Africa and by SWAPO follow, but these are in the nature of syndicated program sources. The identity of the station -- a licensed national broadcaster -- is never in doubt.

The loudest African signals in the tropical bands, evenings, include Radio Uganda 5026 (not 5027), Radio Tanzania 5050, Lagos 4990, Kenya 4915, and others familiar to U.S. DXers. One reporter in the September 1982 FRIENDX seems to query recent reports of Djibouti 4780. Well, it is on the air, and actually audible -- weakly -- all day. But even this close, it is never loud. It is never in French on this frequency, but noted in Somali, Arabic, Afar, and related languages.

On 90 meters, nothing stands out as particularly loud; Blantyre 3380 is perhaps the best; like Djibouti on 4780, Zanzibar 3339 is present, but weak, always noted in Swahili. I haven't yet heard CRU 3330, although 7335 was an early logging here. No broadcasters have yet been heard on 120 meters; I'm sure time will change that.

From the Americas, my frequent mentions of Radio Canada International above will suggest how dominant it is on the bands here -- but only direct from Sackville. Even the North American service on 5960 and 9755 is often good, during our local night. As for the Voice of America, my favorite listening frequency is Greenville 21840, and I sometimes wonder whether the mass of relay stations operating on the QRM-filled lower frequencies is necessary when a single well-chosen out-of-band high frequency like 21840 will do the job most of the day. Many Americans living and working here are eager to listen to AFRIS, especially its sports. Reception at peak listening times is not always good. The Philippine relay beams 26000 to South Asia at 0600-1400, but with only 35 kW. It is audible here, but often weak. Higher power and the right target area would do the trick, as the booming strength of VOA Philippines with 250 kW to East Africa 1600-1800 on 15445, and 1630-1830 on 17740, shows. Continuing with AFRIS, those frequencies familiar to U.S. listeners, 17765 with 50 kW from Delano to the Far East, 15430 from Greenville with 50 kW to Newfoundland, and 15345 with 175 kW from Bethany to the Azores, do a good job, mainly in the post-local midnight period. If only AFRIS would put a single out-of-band frequency akin to VOA Greenville 21840 on the air with the right target, all the problems of afternoon and evening listening would be solved, and the morale of many Americans serving in this area would be boosted.

in need of a boost here is the booming signal of WYFR Okeechobee. Yes, it is all the dial. After about 9 PM local, it occupies three prime frequencies in the 13 mb, in different languages: 21510 mainly in German, 21525 in Portuguese and Italian, and in English. SINPO approaches 5555 much of the time. By 2200, 11875 is outstanding, parallel with 21525. By contrast, I have not yet heard WRNO or WINB -- probably because I have not checked enough. But with WYFR, you don't have to check; it stands out and hardly be avoided.

Farther south in the Americas, Radio Habana Cuba is noted on most of the familiar frequencies such as 9525, 9730, 11760, 11930, and 15230; the Moscow relays of Havana are not in evidence. Radio Nederland's Bonaire service to Europe and Africa on 21685 and is an excellent idea, with booming signals. DW Antigua 21600 is also good.

A surprise are the potent signals of Rádio Nacional de Brasília with sign-on in Morse at 2045 on 17720 and 15280 and going into German at 2100. RAK 15345 at its sign-on 1958, inviting listeners to retune to "11710," is better than in the central U.S., 1709v also strikes me as more regular than it was for me in Missouri -- it appears beamed in this direction. On the other hand, I have only heard a few Latin American ones so far, and still none on the tropical bands. African stations, including those west as Liberia and Mauritania are very dominant on the tropical bands; the Atlantic to represent a propagational cut-off point. However, more DXing around 2300-0300 (2 AM local time) may change this, which may also very well be a seasonal phenomenon. In the U.S., September and October are known for their traditionally potent reception from the south, especially from Brazil. Corresponding propagation here has brought me equally good reception from my south, which means Africa; thus, BBC Lesotho 6190 or 11830 is among the powerful BBC signals. But for my BBC listening I have so far never found myself forced to a relay, with its lower-fidelity audio (except on prerecorded programs). 25650, 17790, 15070, 12095, 9410, or (rarely) 7320 always provide good listening at appropriate times of the day or night. The Limassol, Cyprus relay on 3990 is listed for this but with only 7.5 kW it is too weak, and it may well be beamed east rather than south. Bamenda, Cameroon, on 4000 provides a more potent signal than any European in the early evening hours, although the Europeans on 75 m gain strength by 2000.

Surprises in reception here have included R. Tahiti with booming, local-like signals 1000 GMT (6 AM local) on both 15170 and 11825. Since, as I mentioned, R. Australia offers only middling reception here, Tahiti, although farther away, seems to be propagation-wise favored. On the other hand, I have not yet heard New Zealand. Something of a surprise was the extreme strength of Aden 6005, which is very rarely reported in North America. Djibouti 4780 is more frequently reported, yet it is weak here, while Aden is a house throughout its 0300-2200 schedule. Note that, although the PDRY is considered a socialist state, Qur'an recitations and religious talks are heard. The DYBS sounds very much like any other Arab radio station, whereas the domestic service of Voice of Revolutionary Ethiopia, despite its similar political leanings, sounds like a Westernized African station on the surface, not greatly different from the Voice of Kenya or Radio Uganda.

Over the Latin America above I omitted HCJB. The European service is well heard here on 17000 kHz -- good choice, as that extra 2.5 kHz of separation from 21470 makes all the difference. It is subject to jamming, especially when in Czech. The rather new frequency 17825 to Europe is not a good choice, being sandwiched between RCI 17820 and SRI 17830. Frequencies of HCJB for the Americas are also heard after 2300. I look daily for HCJB on 17020, and comparison with hams from South American (mainly Argentina) on nearby amateur frequencies suggests that 11 m ought to be open, but no sign as yet. I wonder whether it is still the air-recent bulletins have not listed it. (Yes, I heard it yesterday. ch)

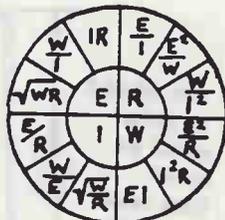
A surprise to mention is the powerful signal of Iceland on 13797.5 in Icelandic at 1000 (in AM). It is surely beamed in this direction. All of Scandinavia is good here and the propagational advantage which southern Europe enjoys over northern Europe, for reception in North America, is not observed here.

To summarize -- this is a good location with lower noise levels than might be expected at this latitude. As expected, high frequencies are very useful, and if more stations used them more, they could boost their audiences. The lower bands -- 25, 31, 41, and 49 m -- are suffering from QRM and I do not listen much inside them at night (of course, they are fine for listening to, e.g., Ethiopia, Oman, Somalia, and Iraq during daylight). High-frequency stations in the Americas are better than I expected; low-frequency Latin Americans, however, worse than I expected. I look forward to more fine listening in Abha, capital of the Romans called Arabia Felix -- Happy Arabia, the most beautiful part of the peninsula.

TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



TREMENDOUS GOOF DEPARTMENT!

Last month, I mentioned that a book entitled, "Hear All The Action" was sold by TAB books. Actually, the book was sold by SAMS, and is being closed out, I understand. This book contained many word-for-word and too-similar-for-doubt sections obviously lifted from *DXing According To NASWA*. Raspberries to one Van Waterford (a pen name) who must be a NASWA member otherwise. Why couldn't you just as well have asked for permission and given credit? Since the book was long ago dedicated to NASWA members at cost, you might have had the information without charge...but honestly. My apologies, anyway, for earlier mistaking TAB for SAMS. And now, on to other things.

SOME MODIFICATIONS FOR FRG-7 YAESU

Many of you may know me well enough to believe I can't keep my fingers out of a receiver long enough for the warranty to expire. Usually, it is for a worthy cause, and I detail here some of the modifications done on one FRG-7 owned about six years ago.

Tone Control Switch - the treble cut was still too bassy for me, so I located C2 (.02) and replaced it with a 100Ω resistor.

Selectivity - Can be vastly improved by replacing the existing 455KHz i.f. filter with a MuRata CFR455H (fits exactly) or a better CFM455I (fits with some bending of leads); and replacing C419 and C423 bypass caps with MuRata BFB455 ceramic filters. Write MuRata for info.

AGC response was a bit slow, so replaced C426 with lower value of 5uF.

Audio gain improved somewhat by jumping R9 with a piece of wire.

BFO stability was lousy and never was equal on both USB & LSB. I preferred to alter the circuit to allow the BFO to center right dead-on the carrier...to facilitate exact freq determination and exhalted carrier detection. Locate TC403, disconnect yellow wire and reconnect to ground. Next locate T403 and zero-beat with WWV. Only LSB position is usable now, but should be relabeled BFO. Is lots more stable that way.

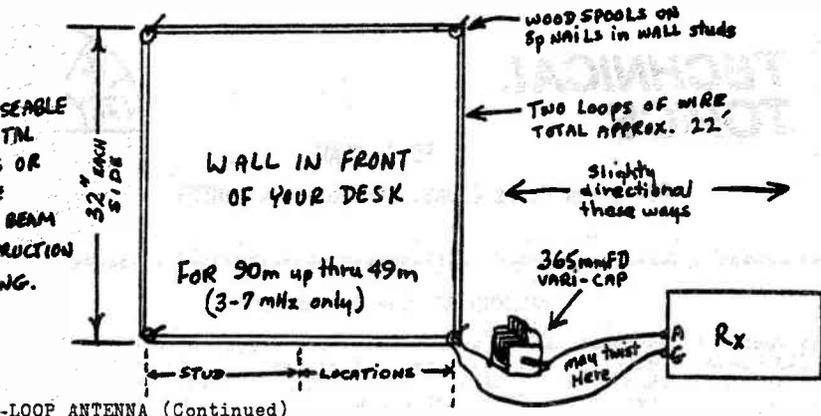
FOR ADVENTURESOME EXPERIMENTERS ONLY

No doubt many of you have attended various ham fests and viewed the counters full of small gadgetry for sale, including boxes and boxes of old crystals for sale...the kind you can unscrew and take apart right down to the crystal pane inside. If you are nimble of finger and have some jeweler's emery paper (cloth) those crystal panes can be honed thinner, raising the frequency, by holding it down with one finger and honing it in a circular motion on the emery surface. I've done it on several occasions, but I've busted a few, too. What the heck, for only \$1.00 a piece...?

A SIMPLE, BUT EFFECTIVE WALL-LOOP

Many members write to ask what is the best antenna they can use, and all too often they express regret at having no room out-of-doors. In considering that my favorite spectrum for *DXing* is in the lower bands these members might want to try the loop described here. It is very simple, requiring a small amount of room, hardly any wire, and only one piece to be purchased...the variable capacitor.

On the wall in front of your desk, locate the wall studs every 16" and choose two 32" apart most nearly centered over your desk. Mark two points for inserting long 8p nails. Then go up to a point on each stud, 32" higher, and mark two more points. You should now have a near perfect square marked. (Continued)



square is 32" long on each side. Having your 365 mmFd variable capacitor, take about 25 feet of single-conductor wire (peel apart 12 feet of ordinary lamp cord and splice together for 24 feet) then wind it twice about four nails you have put in the wall. You might prefer to use empty wood ad spools as a buffer from the nails which might cause some capacitive effects. Affix the two ends of the wire at one of the lower corners, but do not twist them together. U-brads are ideal, such as the kind for affixing signs along baseboards. The variable capacitor takes one of the ends on its rotor connection (stationary plates). The rotor (movable) connection goes to the receiver input terminal or antenna screw. The remaining loop end goes to the receiver ground screw or chassis. You may loosely twist the other end from the variable capacitor and loop to the receiver. Such twists are approximately 50 or so ohms impedance, and closely related to what most receivers can use.

The illustration above should be self-explanatory in itself, and I cannot think of a more simple antenna for indoor use which is tunable...a real joy for time users. Let me have a postcard describing your success with this.

FILTER FOR SCR/TRIAC CONTROLS

Those of you who have light dim-controllers and are bothered by tremendous buzzing noise they put on your receiver, you might want to try the following homemade filter designed to somewhat smooth out 60 Hz noise sources.

If you cannot find a 60 mH choke, wind your own on an old 3" x 1/2" piece of ferrite antenna rod. Use 65 turns of #18 enameled wire in two layers...33 turns long, and 32 turns back...both ends of the wire will end up being at the same end of the rod.

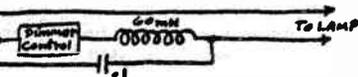
TRANSFORMER IMPEDECE FORMULA

Get a 60 mH choke which can handle at least twice the current used by the light controlled by the SCR. This is, if you controlled light with a total of 300 watts (divide by 117V), you should come up with about 2.5 Amps. Your choke must be at LEAST this amount, and preferably 5 amps as suggested. Install this choke in series, in one supplying the lamp or lights.

I once asked of the readers why would an ordinary 12V filament transformer serve adequately to change 600 ohms to 8 ohms. Well, it is not an exact exchange, but there is a formula thus:

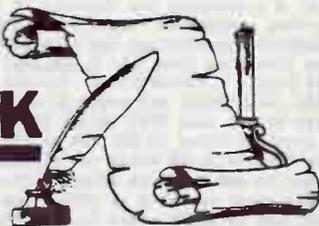
Install a capacitor of .1/200V value and also be installed across choke control. Here's a diagram.

Input impedance No. 1 is divided by Output impedance No. 2. The result is then reduced to its square root, which is the turns ratio inside the transformer. It just so happens that a common 12 volt filament transformer is 10:1. Reversing our formula, we square that figure and achieve the number 100. For an input of 600 ohms, divided by 100, we have a reduced output useful for six ohms, a happy medium between popular 4 and 8 ohms speakers and headphones. Voilá



Listeners NOTEBOOK

GLENN HAUSER
Box 6287
Knoxville, TN 37914



N
O
V
1
9
8
2

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

CLANDESTINE CRANNY Liberty Speculation continues on the true origin of this pro-Argentine stn during the Falklands war. In Sept DK Ontario, Terry Bowden doubts the FCC DF putting it in the Córdoba/Junín area of Argentina: it released the info only under pressure, possibly as disinfo; power seemed at least 250 kW and if Arg had such a xmtr, why wasn't it used for RAE ES [which may not even have ants for 16m -gh]; the flowery style of speech is an almost perfect clone of R Nacional Brasil, which does have such xmtrs and 16m capability # C M Stanbury picked up a remark by 'Liberty' which he interpreted to imply that she was broadcasting from Ottawa; I have not propagated this since from the exact quotation given by Stanbury himself, it was obvious to me that it was ambiguous and would have to be deliberately misinterpreted to mean that; by doing this, however, he got interviewed by two local TV stations. In New Zealand and DX Times, Dene Lynneberg & John Mainland say observations 7/5 in Wellington on 17740 at 2035-2045 suggest a North African location--Algeria?--owing to prevailing propagation conditions. Altho Radio Sweden was pretty obviously meant in a previous item mentioning "Scandinavia," via R Nederland Info-DX, July, Emilio Pedro Povrženic in Argentina says the Spanish [as used only in its final days] voice of Liberty is very similar to that of a female announcer who worked in the LAm service of R Sweden a couple of years ago (gh)

R Quince de Septiembre 21/8 on 5565 & 6900 at 0500, hvy jamming; not their usual time, ex-0230? Also 23/8 5565 only, 0500, no J; 24/8 5565 only 0500 no J, ancing 40 & 60mb fqs (Steve Bonadio, Watertown NY) 28/8 f on 6900 1133-1140, contry, ID, fqs as 5595 & 6900 MHz (sic) giving sked as 1130...1800, 2230-0200, 0230-0500 [converted assuming original was in GMT -6] (Tomoki Hirata, Japan, R Nuevo Mundo) 5560 29/8 0650-0700, never hrd this late before tho don't usually check; no //s & jammed until 0659 when Nic NA began--seems the Sandinistas don't like jamming their own anthem! (Steve Reinstein, DX South Florida) 3/9 1130-1225 on 6900 & 5560; ancd in June 7415 but still not hrd (WBI 9/9) At 0500 4/9 on 5560 (gh) And 13/9 0245 on 5560.2, clear of J on 5564½, but 6900 & jamming on same fq (gh) 19/9 on 6900, 1149-1230 SP MW, martial mx, rev talk, F-G (Chuck Bolland, FL) 23/9 0230 6900, 20/9, no J; ID perfectly hrd (Chuck Oliver, Spring TX) Finally moved off 6900 to 6800, avoiding Sand. J, 2311-2330½, anthem & adios (Steve Reinstein, FL, DXSP) Data? (gh) Ancd 29/9 that now on 3 channels, 5565, 6900 and new 7100, the latter confirmed 0230-0330 29/9 (WBI 7/10) 30/9 2245 on 6900a, about even w/low pitched J (SWNS) 2/10 on 6900 1139-1150, pretty well covered by buzzsaw J, cat & mouse up to 6902 and back (Chuck Bolland, FL)

La Voz de Sandino Ancrs gave sked of 7 pm & 5 am on 5/8 0400-0433 bc on 6220; strange because that was 10 pm; also hrd 23/8 0415-0429, carrier left after t/out 0434* and 24/8 0400-0430. Pgms are MW on soapbox w/mx bits, like ex-NA & engr giving reverb machine a good run for the money; a R Juventud image but pgms have a lot of work put into them (Steve Bonadio, NY) 19/8 ancd it'd start mx in Miskito for 'our Indian brothers on Nic's Atl coast' w/in regular SP xmsn; 19 & 20/8, 5-min Miskito bc hrd in 0000-0030 xmsn (WBI 26/8) Noted in SP 7/9 0023 on 6221 (gh) 6227v, continued hrd at 0000, 0400, 1100, despite recently published anmt by Edén Pastora Gómez (Comandante Cero) that he's disbanded his group Frente Revolucionario Sandino. Several months ago the FRS appeared to have been strengthened when exiled former Nic junta member Alfonso Robelo publicly ancd his intent to join forces w/Pastora. Robelo is leader of Movimiento Democrático Nicaragüense. Pastora, never a US friend, is upset he is not rxing US aid to overthrow Sandinistas. US aid apparently goes to Honduras-based group of former Nic Natl Guardsmen, the Fuerza Democrática Nicaragüense (the people

ough to give us a 13 as sept) (Steve Reinstein, WJ 5 Florida 30/9) 1979 on 6226 1121-
many ments of Fernando Hayo and Costa Rica; stabs at El Sal & Nic; F (Charles Bolland,
1/9 on 6227 at 1100 ID, patriotic speeches, 343 (Jack Jones, MS) R Venceramos reported
that a pro-Somoza stn 'created by the CIA' has begun xmsns from Honduras to QRM Nics.
g Hond nxpaper La Prensa, said stn hrd in Hond for past fortnight, devoted to critical-
and nationalist revolution; now 2 counter-rev stns de Hond (WBI 7/10) LV de Sandino was not
in preceding item (gh) R Sandino: 29/9 La Prensa called it this, 'the voice of the
ic people', claims Nic is turning govt over to forn interests, hrd on 6200 1100-1200,
130, 0400-0600; may refer to new stn or V of Sandino on 6220 0000-0045 which however
ret hrd in June (WBI 14/10) Info in 6/10 Globe & Mail suggest R 15 and LV de Sandino
possibly sited in CR) are unfriendly rivals. A rival Miskito faxion is headed by
yn Riviera in CR while the Miskito group favored by Hondaily is led by Stedman Faguth
and is now known as Misura: "In a recent open letter to the media and to the SNIP
per annts reported in FRENEX ops LV de Sandino (SWNS) four Miskito commanders called
ceation of hostilities against Nic army. Referring to selves as Misurasata, they sharp-
cised Mr Faguth, describing him as a traitor serving the interests of Somoza follow-
(Oct SWNS) LV de Sandino on 6227 0405-0453* 8/10 but 12/10 hrd strong numbers stn on t
0401-0410, YL in SP w/ 'Atenc16n 412-70' & 5-digit nos; Sandino clear on 6222 (Br-
thr, Ont) 6225, 10/10 0400-0439, long SP talks, "Viva Sandino", abrupt s/off 0427 but
in during 0439 tuneby (Chris Lobdell, MA)

Peremos Drifting around 6856, 1200-1300 in SP, claims from Morazán province, El Salvancs
40n, seemed jammed (Craig Seager, RA DX 15/8) Talk stn on 6852 0005 19/8, QRM de
mx stn on 6850; 0035, 6850 moved in on 6852, off at 0042, back on at 0050 (Chuck Olin-
pry of TX) RV ancd 1/9 0230 it was being from Mozote in Morazán Dept so it could carry
ny of FMLN releasing 52 POWs (WBI 9/9) 7/9 0015 6852 & 6953 not //, at 0053 around 6852,
f 2-way SSB QRM; 0018 mx jammers, not // on low sides: 6950 & 6850 (gh) But at 0242 13
52.4 and 6953.4 were // (gh) 9/9 0300 6853 low sweep by fighter, auto weapons fire, ex-
us, ID & nx (Jack Jones, MS) 23/9 0250 6957 //6853; first fq was 20 over & clear, but
was jammed; also unk stn on 6850 (Chuck Oliver, TX) This FMLN stn ancd 15/9 it would
ing an FM fq, 97.0 (WBI 23/9) 97 MHz inaugurated 8/10 0230 for San Salvador area,
as great step forward in listener accessibility. 5/10 0230 ancd that 97 MHz would
ed every Thu, Sun & Tue local time (WBI 14/10) 6830 & 6960 // 9/10 0040, both clear,
on 6840 (Gerry Bishop, PA) 10/10 0041-0050 on 6955, on US help to Nic; lots of QRM
Bolland, FL) In tests w/a Radio West ferrite loop, Don Moore in Santa Bárbara,
as found R Venceramos due N/S and no sign of skywave fading, whilst LV de Nic, 5950
ght fading and looped SE; tho not conclusive, this tends to confirm FMLN claim that
in Morazán rather than Nicaragua (Oct RIB) See also PUBLICATIONS: Señal de Libertad
Bundo Martí 10/8 0135-0153 on 7005v, best on USB, usual anti-imperialist attacks; no
fqs hrd nor mx jammer (Terry Krueger, DXSF) 11/8 varying 7007-7050 to avoid mx jammer
use jammer (Reinstein, DXSF) 1/10 0128-0148 changing fq to avoid jammer, which did the
t s/off anthem wasn't jammed: 7020-7001-7040-7014-7029-7050-7039-7019-7005 (Wilknor)

Cuba Independiente y Democrática FCC busted two matrs 15/9, one fixed in a house,
ther in a mobile van, one in Miami, one in Ft Lauderdale; 7355 R Antonio Guiteras, and
Ignacio Agramonte. CID would not confirm the stns belonged to them but its press
ry in Chicago, José Francisco Lamas, said they planned to add even more stns (Liz
eda, Miami Herald, 18/9 via Steven Kemp & Harold J Fister, RIB) CID leader Hiber Ma-
id 21/9 that the shutdown "benefits the tyrant Fidal Castro, his Russian masters and
ational Communism." He said the two silenced stns would 'surface again' but refused
where (Reuters, Miami 22/9 via NY Times 23/9 via Jim Balsama) 7355 & 5106 indeed mis-
chex around 0100 but on as usual on other three 23/9: 0055-0131* 11700 via Clarín;
0130* on 7412, unknown QTR; 0105-0136 on 4980, Ecos del Torbes, three different pgms
The 4980 relay again deletes the 4980 fq annt from the ID tape leaving a 3-4 sec
spot; info sheet w/QLS from Venezuela says 7355 is R Antonio Guiteras, not Videras;
ent 10 page booklet on Matos; raport w/prepared QSL was sent to Apartado 76633, El
s, Caracas but reply came from Ap. 60774, Caracas 1060, v/s Roberto Fontanillas-Roig,
do en Venezuela. No reply as yet from the 2 Miami addrs (Steve Reinstein, DXSF 30/9)
rd 9/10 0141-0315+, surely diff site from one FCC busted! Phone hookup w/off-air relay
00, political forum w/speeches in EG, SP, Polish, all anti-Castro; same day 7412 *0100
w/regular CID pgms; intermittent carrier on 5106 same time but no audio (Crawford &
ia, DXSF) R José Antonio Echevarría, 7412, *0100-0137* 25/9, long speech by Matos re-
at Miami's Bayfront Park; assume this fq not in US since not busted (Reinstein, DXSF)
sta "certificado de sintonía" in 4 weeks, airmail; I sent three separate reports to a-
USA & Venez but reply came from San José, CR; also sent CID nxpaper publishing my
s, seemed surprised at being heard this far away; info sheet said also had rxd reports
nland, Germany, Italy, Spain & Australia, but did not mention Japan or US! Usual
ven plus at 0130 "Programa sátira política con Tito Hernández"--not clear if on 7355
only or on all five (Geoff Cosler, Australia, R Nuevo Mundo 5/9) Via Clarín 11700
/10 1915 w/'Mundo Cultural' pgm, very pro-sounding, ID as "Programa Máximo Gómez"; per
CG bust in Miami caused them to expand relay xmsns (Anthony Pavick, Latrobe PA) CID
d on 11700 Clarín 4/10 2100-2126* (Clive Rooms, UK, WDXC Contact) CID pgm 11/9 2305-
on 11700 (Claudio Donati, Salacmaggiore, Italy, Play-DX) 7412 at 0050 9/10, live w/
noise (Gerry Bishop, PA) 11700 CID 2352/2435 20/10 comedy sketches (Geo Moshier, CA)

R Cuba Libre Full data prepared card rxd in 15 days from Movimiento Demócrata Cristiano, Centro de Información Difusión y Opinión Pública, Box 557759, Miami, FL 33155. Also rxd nice MDC keychain, sticker of Cuban flag, poster of Cuban political prisoner Jorge Valls, 12 page brochure "Reporte DCuba/sic/", 4 pager "Declaración del XXII Congreso" and finally, handwritten request in EG for copy of my 9/8/81 tape of RCL; QSL was stamped MDC. Was hrd on 6990. # Ramón Sánchez, head of Organización para la Liberación de Cuba, supposedly operates a paramilitary training camp in the Everglades and bcs to Cuba. Anyone ever hear of an anti-Castro clandestine claiming affiliation with OPLC? Could La Juventud Progresista Cubana be connected w/OPLC, or is it merely coincidence that LJPC has same initials as La Junta Patriótica Cubana, who sporadically operate R Mamá/LV de la JPC? (Steve Rabinstein, IX S Florida)

R Martí 9/9 Senate Foreign Relations Committee approved by 11-5 vote funding R Martí; defeated Pell attempt to substitute VOA 5-11; defeated Taongas amendment to compensate US stations up to \$150 million for QRM (press reports via David Alpert, Oct RIB) No further progress known in full Senate by presstime (gh) Chances of floor vote on H.R. 5427 before Senate recess were slim. Sen. Edward Zorinsky (D-NE) reportedly "threatened to talk the bill to death," if it came to the floor. Likely to go to floor during lame-duck session where Zorinsky et al. will continue efforts to defeat it (Broadcasting magazine, early Oct, via Bill Dymond) Another defeated amendment 10/8 was put forth by Dellmans /sic--Dellums?/ for an equal sum to be allocated for a propaganda stn to South Africa, "Radio Biko" (Jim Shrader, Jo'burg Sun Times Washington correspondent via RMMN 9/9 which found it strange this hadn't been covered in US press; likely because like many such amendments it was not meant to be taken seriously -gh) See also TURKS & CAICOS in Oct LN

Radio Free Europe/Radio Liberty Major upheaval at RFE w/unexpected resignation of pres Glenn Ferguson, the day after it was announced that his deputy, Ralph Walter, was being released after 31 yrs service. Vet US journalist George Bailey has been named new dir of RL (Variety 15/9 via Alpert) Bailey appt was effective 1/9, ex-ABC nx corresp, ed of Reporter mag and of Kontinent (UPI 1/9 via Alpert) Dispute involved squabble between RFE-RL Inc in Munich and Board for International Broadcasting, set up by Congress in 1974 to oversee and fund; each had separate board of directors, often conflicting; Congress had called for BIB members also to serve as board of RFE-RL; the old RFE-RL board quickly dissolved itself, and within a week after legislation was signed last month, board Chairman Frank Shakespeare notified Ferguson to fire Walter (Cass Paterson, Wash Post 23/9 via Craig W Krist, VA) Per 1/10 Globe & Mail, James Buckley, William's little brother, has been appointed head of RFE/RL. James Buckley served in US Senate 1970-1976; elected on Conservative Party ticket but was supported by Nixon Admin in order to unseat liberal Republican Charles Goodall who opposed Viet War. In short, the far right has finally succeeded in capturing RFE & RL, which should certainly make the Kremlin propagandists happy (SWNS) BIB got \$86.5 million appropriation in 1982; NY Times says Buckley's compensation, including car & driver amounts to \$145,000 a year. Board says the appt is to show Soviets they mean business by selecting someone from the "A" team to head RFE/RL (UPI 30/9 via Alpert) Also elected vice-chairman of RFE/RL BOD was broadcaster and columnist Ben J Wattenberg (Broadcasting, via Dymond)

Spy Numbers 22/8 0207-0222* on 15652, SP W alternating 5/10 digits, nine 1 kHz tones, "grupo 55" into 4-digit count repeated, then mutant FAXish tones till off. I still maintain this is via VoA Greenville (xmr used 2300 [0000?]) on feed to MW Antigua based on signal level, audio compression, modulation and frequency similarities. As a lark, I've written for a QSL (Terry Krueger, FL, DXSF) Rxd VOA QSL card in 8 days for my detailed and frank report on the numbers station in Spanish; I never expected a reply, much less this. Maybe they'll verify the USS Caron next... (Krueger, DXSF) Card shows 15652 kHz, 0200 GMT 22/8, "Antigua Island" [to rather than from], signed by V. Smith--an admission or automatic? (gh) #s stn by woman: 23/8 2230 10610a EG 4-dig not repeated; 28/8 0535 6825a SP 5-dig not repeated. 29/8 1615 18197 GM 5-dig repeated; 29/8 2018 11685 4-dig EG not repeated; all AM except 18197 USB; can you refer me to any comprehensive article about these stns? (Mike MacCollum, IN) 11618 USB 0142 18/9 0150* Woman in GM (Chuck Oliver, TX) 7404 ID at 0600 2/10 & 3/10 as "November Papa" with flute tones, numbers in GM from 0605 (Frank N Decker, Syracuse NY) Mx & phonetics hrd for years, incl 10/10 0215 on 7405, "Papa November" (Gerry Bishop, PA) Hrd in TX: 0345 23/9 male 5-dig SP 4782a, het de Carabobo; 0304 24/9 vy weak EG female 10-count interspersed w/"34 678"; essentially the same format on 4670 28/9 but in SP (SWNS) GM female #s 22/9 6200 2315 tunein until 2330 "enden", then began again until 2336; carrier still on at 2400; SWBC & USCG SSB QRM (SWNS HQ, Ont) See also LV de Sandino, preceding page

R Solidarity Polish TV reported at 1730 30/8 that two hours earlier, security services of Ministry of Internal Affairs had discovered (in Warsaw) and seized tech eqp used to bc illegal pgms of R Solidarity. A later Pol TV report said bldg workers at Kopernik housing estate in Zabrze had informed security services of Katowice voivodship that a xmr linked to tape recorder and connected to electric grid had been found in as yet uninhabited 15-storey bldg; Warsaw eqp was found around Odyniec street. Tapes at both locations called upon listeners to take part in demos 31/8 (WBI 2/9) PAP reported 29/9 that security svc of the Civic Militia Voivodship HQ in Gdańsk had detained several people from whom 2 radio xmtrs were confiscated. Attempts had been made to bc R Solidarity from the xmtrs (WBI 7/10)

V of Free Iran Aug 15h of Persian-lang monthly xpaper Hamwazan, published in Bonn said a stn belonging to Iran-e Azad group began bcng in Paris 25/7, "Seda-ye Iran-e Azad" on 103.5 MHz twice a week at 0900 Suns, 2100 Thurs (WBI 26/8)

R Iran Report send to W German addr in June LN returned unopened & marked "Anschrift ungenügend" (Steven Reinstein, FL, DKSF 21/10) 18/8 R Iran apologized to listeners unable to hear stn on 31m (9570), but said was endeavouring to be on 31m, 41m (7180) and 90.8m (3367)

V of Iranian Kurdistan now hrd 1230-1330 Kurdish, 1330-1415 Persian, 1415-1445 Azeri on two fqs, one varying 6600-6700, other 9100-9200. V of the Mojahedin-e Khalq bc on same fqs 1600-1700 & 1730-1830. (WBI 7/10) & see IRAN /15270 now off (WBI later)

V of the Islamic Revolution in Iraq AR lang stn still on 1555 to 1900* apx (WBI 16/9) also obs stn w/same name at 1353 5/10 on 15270 w/talk on "British imperialism in Iraq", a rev song and feature "Rule during the Islamic Era"; identically-named MW stn hrd in 1980 & 1981

V of the Masses of Iraq, believed from Iran, *1430 14/10 on 3762 with ID "Huna (WBI 7/10) Saut ul Jama'ah ul EIrakiya" with noise of gunfire and shouting crowds. Do not confuse w/ RRI Kendari listed here. Jammer chased it up & down, e.g. on 3735 at 1435, 3799 at 1437, 3746 at 1439, 3789 at 1440, etc. Also do not confuse w/V of the Broad Masses of Eritrea hrd in this vicinity at this time w/typical Somali-type mx (Richard E Wood, Abha, Saudi Arabia)

V of Palestine. V of the Palestine Revolution. Beirut-based PLO-controlled stn and 24/8 it'd have 2 daily xmas ex-3, 0500-0700 & 1500-1800, hrd on 1140 (WBI 26/8) 25/8 on 1140 eva xmas at 1500-1607 only, w/out usual s/on slogans, just PLO, American & Egyptian songs. 0500 26/8 VOP and it would be on only at 0500-0700, but ended at 0655* w/AR anmt; 27/8 et seq could not be traced on MW; pgms of identical title continue in AR DS of Algeria, Iraq, N & S Yemen, and possibly in PT via Angola; Egyptian & Syrian radios carry their own Palestine svc pgms (WBI 2/9) VOP pgm still presented by PLO via R Nacional de Angola "B" pgm, in PT, EG, FR 2130-2200 Tue/Thu/Sat on 9535 7245 (WBI 23/9) VOP Lebanon facility being replaced with one in Iraq. (RNNM 21/10) v. IRAQ. To be Shpd in AR, HB, EG from Nov (RNNM 29/10)

V of the Free People of South Yemen, 1345 11/10 on 11180, AR talk, mx, no ID (Sams, AR OMDC)

V of the Broad Masses of Eritrea 28/9 varying 3725-3799, Amharic 1900; since 29/9, claiming to bc from "the liberated area of Eritrea" hrd 1425-1630 & 1755-2000 on 14335: *1425, 1430 Arabic, 1500 Tigrigna, 1530 Tigre, 1600-1630 Amharic; *1755, 1800 Tigrigna, 1830 Tigre, 1900 Amharic, 1930-2000 AR; ancs 41 & 80mb (WBI 7/10) Further obs of 1425-1630 show Amharic probably still Sun/Tue/Thu only; anmts in Tigrigna & AR svcs reveal continued bca early morn, probably 0400-0600; 1800-1830 Tigrigna was repeat of 1500-1530. (WBI 14/10) See above VOM Irq

R Kulmis/R Halgan & Kulmis, 1800-1900 9595 in Somali hostile to Som govt, ancd 8/10 that next day it'd bc text of agreement betw Democratic Front for the Salvation of Somalia (DFSS) and Somali Natl Movement (SNM). 9/10 bc said 2 mvmts'd pursue own political pgms, but agreed to coop in "leading the struggle of the genl public of Som who are opposed to the dictatorial regime of Muhammad Siyad Barre", i.e. DFSS & SNM agreed to form joint committee to run "R Halgan", changing name from "R Kulmis" to "R Halgan, the united voices of the Somali opposition forces", Monitoring confirms namechange 10/10 (WBI 14/10)

V of the Libyan People describing self as voice of the Natl Front for the Salvation of Libya hrd in AR on 11997 1530-1601 13/9, calling for overthrow of Qadhafi and "his treacherous clique"; giving sked as 0530-0600 & 1530-1600; latter xmas hrd again 14/9, whilst 0530-0600 not traced til 15/9. 11997 occupied +1450-1600* 13/9 by xmas from SPLAJBC DS, but not 14/9 (WBI 16/9) Still hrd 0530-0600 & 1530-1600 daily on 11997; SPLAJBC xmas also occupy fq 1530 -1600 on odd occasions. AR ID: Sawt ash-sha'b al-Libi (WBI 23/9) 26/9 found on 11977 ex-11997 0530 & 1530 (WBI 2/9) AR & mx 0605-0611* w/trumpet solo on 11977; sounded more like "Sawt el Naablia" but fits for this (Mitch Sams & Garth Rotramel, 12/10, AR, OMDC)

V of the Sudanese Popular Revolution in AR first obs on 17940 17/8, also hrd following days, s/on ranging from 1237 to 1315, s/off 1615/1623. AR: Sawt ath-Thawrah ash-Sha'biyah as-Sudaniyah, hostile to Pres Numsyri and Sudan govt; ancs sked of 1330-1630 on 17940 & 17930, but latter fq only carries SPLAJBC DS [Libya]; even 17940 carried Libyan DS from Tripoli at 1040-1145 20/8, 1250-1315 21/8; and nx from VOSPR 1348 19/8 mainly repeated items from Libyan DS 1230 nx (WBI 26/8) 1330-1630 pgms incl 1330 opening, 1345-1400, 1500-1505, 1615-1620 News, 1620 closing anmts (WBI 2/9) Hrd 11/10 on 15450 ex-17940 to 1725* indicating whole xmas now one hour later, probably since 1/10 Libyan switch to winter time. 15450 formerly used by SPLAJBC which is now hrd on 17930 15415 15235, 12/10 15450 carried SPLAJBC DS to 1354*, *13-57 on 17940 VOSPR pgms to 1715 apx (WBI 14/10) VOSPR 17940 definitely from Libya; *1355-1715* AR mx & talk 6/10, varies *1425-1727*, at 1730 moves to 15450 for Libyan pgm // 17930

V of Namibia & R Freedom VON via Angola hrd on 9535 Sun 22/8 1600 EG giving 7245 & 1088 fqs from Mon-Sat sked of 1630; Sun 1600 EG, 1614 verna (Ron Howard, CA, RIB) RCs for SAf from ES of VOBE on 9595 the not listed in WRTH 82 can hardly be counted as land since fully IDed at 1900 w/VOBE Ethiopia ID; VON 1900 & R Freedom, V of ANC 1930 are syndicated pgms like those on HCJB, TWR, in this case on a licensed natl stn (Richard E Wood, Saudi Arabia) Nevertheless, 'land' is defined more broadly here to include pgms opposing govts even if we know where they come from (gh) Yaoundé, Cameroon, relaya R Freedom pgm in EG on 9745 at 1845 (Leigh Morris, NZ, SDC DK Post Oct)

V of Free Africa EG again Fris 1720, Sat 0420 for 10-15 mins fortnightly; fq given as 4762 and still claims via Mozambique (Richard Ginbey, RSA, RNNM 14/10)

V of the People of Burma unhd: 15/8-31/8 the unmod carrier on 7570 at sked times 18/8 & 19/8. But 1200 31/8 VOBE ancd on 7570 that 1/9 & 2/9'd bc "statement to the nation" by the Kachin Independence Organization, the Kayah New Land Revolutionary Council, the Karenni State Nationalities Liberation Front, the Shan State Natl Liberation Organization and the Burma Com-

unist Party. BC'd be in Burmese, Karen, Jingphaw, Shan, Wa and Chinese. VOPB stopped bc at 1233 and gave no explanation for its absence; 1/9 *0030 on 7575 ex-7570 (WBI 2/9) Tho hrd on 7575 0030 1/9, subsequently on 7570. VOPB now reverted to former sked, 0030-0240 & 1200-1410 (WBI 9/9) Sked is: 0030-0100 & 1200-1230 Burmese; 0100-0120 & 1230-1250 Karen; 0120-0140 & 1250-1310 Jingphaw; 0140-0200 & 1310-1330 Shan; 0200-0220 & 1330-1350 Wa; 0220-0240 & 1350-1410 Std Chinese. S/off time varies 1400/1416, depending on length of Chinese pgm which always starts around 1350 (Isao Ugusa, Japan, IXX Front Line 23/9) Being jammed (Goonetilleke)

V of Kawthlay[?] 24/9 Bangkok Post quoted intelligence sources that Karen Natl Libn Army--KNLA would open own radio stn in Burma next month w/help of some Japanese techs, helping to install 10-kW stn to bc in Karen & Burmese, in Kadanigti township just opposite the Song Yang district of Thailand's Tak Province. Would be led by the Karen President of Kawthlooi State. Some 4 yrs ago, KNLA used to have a stn under previous Karen leader (presumably the VOK in 1976 & 1977 1130-1400 Thu/Fri/Sat/Sun on 4880) (WBI 30/9)

V of Malayan Democracy still good and regular on 5602, following usual sked // 6670 (DUDXS, Sarath Weerakoon) *1215-1330* on 5600 // 6670 daily, nice level, clear ID (Goonetilleke ARDX)

V of the People of Malaya continues drifting 7020/60, 31/7 on 7020 *1130 Chinese; mod much better these days (Sarath Weerakoon, Sri Lanka, DUDXS)

V of the Revolutionary Party for Reunification, 4556, *1000-1430* // 4118, *1500-1700* both in Korean (DUDXS 10/8)

NORTH AMERICAN PIRATES

ADDRESSES The following can be contacted thru Scott McClellan, Box 982, Battle Creek MI 49016: WOOF, WOIS, WCRS, R Confusion, V of Syncom, V of Pyramids, WPOT, R Indiana, R Xenon, R North Star, WFFO, R Alpha Corona /and now Radio Clandestine -gh/; the following use Box 4948, Arcata CA 95521: KQSB, KSSR, KCFR, R Free San Francisco. These use Box 452, Moorhead MN 56560: WRNR, V of Free Radio, R Clandestine (William Mellon, Fork Union VA, OMDC)

V of Syncom 0641-0651 7375a 29/8, SIO 333, no talk, just "We Love Pirate Stations," a Paul McCartney song, a bit of mx over & over like an IS, and some rather slow Morse code, VOS VOS VOS Syncom 41 VOS VOS VOS, followed by something like "Smiko". Then 0649 OC to 0651 t/out (Mike MacCollum, IN) Stereo Shortwave Syncom 29/8 0615 on two //eqs, 7375 & 7391, and by listening on two rx's, a stereo effect was indeed obtained! 7375 fairly strong, 7391 weak tho better mod; also ID as "Triple S, the Big S". Pgm mostly pop mx, w/instructions on how to obtain stereo effect. Vy interesting experiment--a first on SW? (Scott McClellan, MI, 3/10)

R Clandestine 22/8 1558-1616 on 9590, SINPO 12221, tnx McClellan tip; new for me, vy weak, bad het; Credence Clearwater Revival song, Barnacle Bill the Sailor; f/out past 1616 (Kirk Baxter, KS) Stumbled on it 22/8 Sun 1545 t/in to 1615* or f/out on 9590, G sig, rock, wild format w/req for reports to presumably fictitious POB 100, NYC; skit on druggies. Very professional production (Terry Krueger, FL) On its habitual weekend, daytime, in-band unannounced appearance (Krueger, DESP) 25/9 0335-0340* on 7355, country mx, ad for Art warehouse, ment'd Rockwell's, no addr, very pro smnts, ID, heavy QRN, amnt seemed to indicate bc for central Europe; ancr's name Burt or Burk /Burns--R.F. Burns -gh/. Sure would like to get a QSL from these guys (Keith Thibodeaux, Baton Rouge LA) See addr above (gh) 26/9 0255 on 7360 apx, xint QSA & mod, satirical ad for Phone Company, rock, usual, giving McClellan's box for reports; hrd w/only 10' of wire tossed around the room (Ben Radcliff, Urbana IL) 26/9 0250-0338*, very pro, clever fake ads for NY Phone Co; on 7357.4 but QSYed to 7354.7 when USSR QRM *0320 on 7360; whole show very well produced (Kirk Baxter, WBAIXX, Mission KS) 26/9 on 7358 at 0300, but per my suggestion shifted to 7355 around 0320 to avoid QRM; extremely strong, better audio than most legit stns, 0339*; I'm now maildrop for this (Scott McClellan MI) 26/9 1855-1915 on 9615, ancr R. S. Wells /sic/ said "official pirate bootleg stn", anti-Moral Majority (David Swearingen, NC) 30/9 0150 on 7357, R F Burns, ID, rock mx, canned ID (Mitch Sams, AR, OMDC) 1/10 t/in 2358 to 0045*, G until 0010 deterioration, Prague-7345 QRM on my unselective rx; claimed bc from ship, ads for Industrial Strength Baby Cleaner, rock; and 5-10 min of call-in. 7355 apx (Christopher P Bagge Jr, Springfield MA) 19/10 0230 on 7358 to 0250*, 20 over 9 but quite a bit of audio distortion; ad for dog food taste test, Snotty Susie--a doll who catches a cold. 22/10 0341 again hrd, 7355, 25 over, less distortion, DJ R. F. Burns; rock mx emphasizing Brit artists, to 0415*, how to QSL? (Joel Tye, Ft Wayne IN) On 19/10 0240-0249* on 7360.0 (Mike Pollock, NY & gh)

Crystal Ship Sun 3/10 0315, midwest pirate on 7431.25, mx & short smnts, call-in using NYC loop; audio intelligibility vy poor, muffled, distorted, over-mod. S6-S9 on my R7A/homebrew VMOS active whip; 0405*; they do QSL via ACE in Minnesota /addr above/ DJ "The Poet" told me on phone 50 W output from Knightkit to inverted V pointing E; new on the air, I was first caller. Ancd mainly on at 0300 GMT Sat & Sun; hope they get audio fixed, sound like nice bunch of people (Vincent J Pinto, Suffern NY) 17/10 0547-0730* vy distorted, rock mx, moved between 7427 and 7432 during xmsn (Chris Smolinski, Reisterstown MD)

V of Pyramids Managed to fix up a test on 15035 at 2000 28/8 and hrd here at that time w/ electronic IS; weak u/moderate ute QRN; tnx Mike Barraclough for assistance in fq selection. Now hope to arrange further tests for Eu on 6, 7 and 15 MHz (Mark Warner, UK, WDXK Contact)

V of Venus Sun GMT 3/10 0608-0635* on 7425 USB, IDing selves as Scott Wilds & Todd Andrews; gave Moorhead addr & phone 218-236-1606; parodies such as "the paranoid piranha", "Mr Andrews' Neighborhood", "Music for Illegal Mexican aliens", spoof of Spanish numbers stn, and

w/1979 & 1980 letters to V of Venus (Frank N Decker, Syracuse NY)

15/B 0001-0008* on 14570, UKish pop tune at t/in, ID & John Arthur QTH, off w/final
astl piece, poor level (DavidCrawford, FL, DKSF) 12/9 0455 ending xmsn on 7351a, F in
ing Arcata addr; looking for R Apollo test, not hrd (Scott McClellan, MI) 12/9 7355
56*, SINPO 44444, vy clear sig, G undistorted audio; 0452 ID as test xmsn; played "I
the Law and the Law Won" (is this some political statement?) and gave Arcata addr
on Baxter, KS) 3/10 0400 hrd KCSP or KCST International, California pirate on 7360,
until R Moscow carrier *0406, my first pirate logging (Joe Hanlon, Philadelphia PA)

5/9 0153-0233* on 7430.5, SINPO 23333, lots of QRM from thunderstorm, but hrd ment
DC addr, and phone, possibly 516 areacode. Manfred Mann song 0205, clear audio, but
above local noise level (Kirk Baxter, KS) Hrd same xmsn 6/9 0220 but on 7431.2, ID
audio; 0224 gave 516-654-9906; 0229 PO Box 32052, WDC 20007; said would be back on
atl holiday; 0233 Chuck Wood w/s/off (gh)

of Free Radio 5/9 0211-0244* on 7360.5, SINPO 23332, initially w/deep fades, but grew
r; mx audio much clearer than voice; clear ID 0231, 0239, 0242; mostly Beatles mx;
dr I couldn't copy; said they'd be on next night--pre-Labor Day (Kirk Baxter, KS)

of Free America Anonymous phoned called advised of bc from this, 4km, possibly 7425, 19/9
ed weekly thereafter; nothing hrd 19/9 tho caller seemed quite serious (Gregg Bares)

2/8 0600*-0638* /sic/ on 7408, SINPO 33323; song "When you're Strange" hrd and then
opped for 10 min. Talk by Leroy and a Mr Rodriguez was hard tohear; Battle Creek ad-
632; bad fading (Kirk Baxter, KS)

Corona 22/8 0300 on 7430, fairly good sound, but ancr slightly overmod; ancd MI
rian Sarkisian, Jasper MI) 22/8 0301*-0333* /sic/ on 7431, SINPO 23332, difficult
ID repeated several times; drinking song, "Burning Love"; E.C. addr 0320; Morse
nt at s/off--"VOS" (Kirk Baxter, KS) Aha, connecting it w/Syncom (gh) Rxd QSL w/ser-
signed by "Condor Vega"; also letter saying xmsn was test, and next one will be
y improved" (Chris Smolinski, Reisterstown MD)

Star 21/8 1520-1547 on 13786, SINPO 35544; t/in after tip from McClellan; vy clear
QRM or QRN but w/deep fades. Vary pro sounding; mx by Steve Miller; "Route 66"; B.G.
or QSL; 29/8 0402-0408* on 13787, SINPO 33333 playing Vangelis (Kirk Baxter, KS)

f Sept LN-29/ Baxter's speculation that stn name against Hansen is incorrect; it's
d against Dan/ Ferguson who started the KPR/Kids Playing Radio designation in FT.
se, Baxter had no way of knowing this, as we peons who lack the god-like dx ability
elitist hierarchy aren't allowed to see their publications (Ben Radcliff, Urbana IL)

Children's Radio Network, hrd 28/8 2234-2237* on 1612.7 w/s/off proceedings, IDing both
child asking another what she thought of being on the radio; lots of background crowd
applause. Ancrs were children, tech quality & mod quite good. Barry Manilow mx fa-
when this was over, played to 2236, then test tones for a min before c/off. Strange
option was in broad daylight, weak but clear sig; perhaps in NYC area, can anyone
? (Gregg Bares, Watertown CT)

ate Radio Central) active again 3/9 0350-0638 on 1615 kHz, NYC calls at (212)
and playing mx; gave addr of PBC, PO Box 747, Exeter NH 03833. QSL policy: only
w/substantative content, suitable for reading on air, would be acknowledged. Took
om me; Hagarman NY, Prescott Ont, Toledo OH; excellent sig strength here. Stated
ed not been busted, contrary to McClellan in Aug LN (Frank N Decker, Syracuse NY)

ate Radio New England) 12/9 *0402-0437 on 1620 kHz, played "Captain Midnite". var-
nes; again 18/9 0408 mx (Vince Pinto, Suffern NY, NRC DX News) 17/10 0510-0600 on
standard pop mx, song from Muppet Movie, good audio, fqt IDs (Chris Smolinski, MD)

0/9 0035-0225 testing w/IDs, mx on 1620, audio processed/clipped, vy strong signal
into NY, NRC) Again 26/9 0225-0335 strong, unable to null w/loop (ibid.) 10/10 GMT
0 on 1620, using loop phone 212 283-9979. Called and he alleged 400 W on 1619.821
ing directional dipole; claimed to be several hundred miles from NYC, and technically
; after conversation w/me he bc call from an FM pirate (Frank N Decker, Syracuse)

338-0435+ on 1620, also ID as "Newark Radio, Voice of Newark East", rock & pop, IDa
0 mins; phone 212 283 9972, asked for calls; vy strong; 45444, audio a little dis-
Also 17/10 on 1632 kHz, WART Newark Radio, 0533-0712*, claiming 2800 watts; gave
other AM & SW pirates, mentioned "American Clandestine Enthusiasts", said they are
nds on 1620 or 1632 (Chris Smolinski, MD)

NYC area, 18/9 0440-0614 on 1631.7, taking phone calls via loop, some mx; drifting at
hour, strong sig so not far away (Vince Pinto, Suffern NY, NRC DX News)

at 18/9 on 1210 kHz, 2150 on again w/"Steve Ricketts Instant Request Pgm", IDs as
1210 and FM 89; I called at 2230 to ask for exact FM freq; & they played my request
at 2245; primarily New Wave format, request show was 1900-2300, and as soon as
ed DJ said they just broke away from simulcast w/KDSK. Thousand Oaks? Studios &
umber indicete Sherman Oaks in San Fernando Valley (Steve Mittman, San Pedro, IRCA)

IDENTIFIED 35665 17/10 1400-1425 E/out oriental lang hrd on Bearcat 220;
believe image of Asian FM stn; mx hrd--classical--w/man talking
songs (Chris Smolinski, MD) Could be STL in Japan/Korea; FM mode so not SW harm?(g)

24624.5 25/9 2045 LA mx, maybe meringue; possible fundamentals 4924.9 & 6156.1--Citadelle?
 (gh) 24195.0 25/9 1925 weak mx w/AF flavor, QRM from continuous beeping, threshold level,
 SSB 2-way QRM dc 24198; 5 x 4839.0--Mail/Zaire? or 4 x 6048.75--Dom Rap? Pse check! (gh)
 [15070--fq omitted but assumed from context] 1802 t/in to 1805* (not on 1755 check), RS M
 anti-Israel mx way over BBC & suddenly off; not //Mayak, tho maybe another Soviet net; nothing
 on other 19m digits ending in 70 afterward; 22/9 (Terry L Krueger, FL) 15029.8 17/9 2226
 audio at ocell peaks, seems LA commercial stn, likely 3rd harmonic; or HCJB spur? (gh)
13448 11/9 1625 continuous instl mx such as "Born Free" and other movie themes; 555 sig!
 1625*, back at 1720 recuse to 1725*; very similar to other reports on 4952v (Mitch Sams, AR,
 OMDC) 11590 AR mx 11/9 2058, no break at 2100, continuous past 2200, not //15060 & 15415; at
 2207 seemed to be knocked off air by woodpecker attack (gh) unID AR w/continuous songs *20-
 22*, no annts or ID; audience applause betw selections, several days always w/same pattern
 (Paul Buer, Miami FL, 19/9) unID stn hrd past 10 days w/continuous Arab mx 2000-2200 apx on
 11590 & 2820, no ID or speech hrd (WBI 26/8) Stn exclusively w/records by famous Egyptian
 singer, the late [female] Umm Kulthum, obs 1300-1600 on 936 kHz and 2000-2300 on 1377 from
 Egypt. No annts or ID hrd; travellers arriving from Cairo indicate a stn like this is very
 popular in Egypt. Remarkably similar to stn hrd in Aug 2000-2200 on 11590 & 9890 tho not
 traced recently (WBI 30/9) 11311 kHz, 12/10 0825 Chinese W w/talks, 0825 flute mx, exer-
 cise pgm; read each number twice as she counted; or was it a numbers stn? Cf June LN-29,
 Newkirk reported Chinese cland here (Mitch Sams, AR, OMDC) 11175 Arab stn 0345 12/10 (Chuck
 Oliver, Spring TX) 11109 12/10 Arabic mx 0625, then "Idha'at..." yelled ID, very excited
 ancr, jammer or ute QRM; 0647* (Mitch Sams, AR, OMDC) 9885 11/9 strong mx to 1725* abrupt
 off, following tip on next item; same as 4952 & 13448 stn?? (gh) 9880 strong mx 11/9 1655*
 (Jim Conrad, IA) 9732 19/10 1353* unID Lang; couldn't tell if toned-down Asian mx or rustic
 Peruvian, but this late must be As (Mitch Sams, AR) 9675 R Espector? 14/8 1102 ID recorded
 instead of expected R del Pacifico, giving 9675 fq, church bells, morn devotional (W J Paris
 FL, DKSP) cf Aug LN-21, it is R del Pacifico, hrd *1102 w/IDs & Quechua pgm (Behr, Ont' 12/
 10) 9533 Arab 19/8 0135, mx, applause until 0200 RCI kill (Chuck Oliver, TX) Since parallel-
 eled to 10362v which was definitely Algeria (gh) 9007 LSB 3/10 2156 w/baseball, ID for
 WJLA-TV Washington DC, to 2225*, poor modulation, probably speaker-to-mike and I suspect it
 was Andrews Airways for the crew if not the passenger of Air Force One. I alerted FCC Pow-
 der Springs GA who suggested it was a ship at sea or pirate, which I doubt. FCC D'd it
 but would not release bearings (Robert J Levallyn, Conyers GA) Also hrd here thru to your
 tip--same Baltimore baseball game but different coverage than on AFRTS (gh) 7435 11/10 at
 0044-0140, 0235, 0340 relaying CBC Radio // CBL 740 & CBM 940, SIO 333, no ID other than CBC
 (Gerry Bishop, Christiansa PA) 7430 relaying Canadian local; excellent sig 11/10 2015; 2100
 CBC mx, no local ID to 2110; faded 2029-2032, 2041-2042, 2059-2101 (ibid.) 7428 pirate 3/10
 0031 "Refugee", 0034*, *0110 10-note IS on synth, Refugee again, cutting out, 0112*, *0114-
 01144* (Bishop) 7390v 10/10 NAM pirate, lotsa problems 0625-0710: rock mx on AM but ancr
 came thru w/FM-sounding sig, or maybe severe overmod. "Voice of..." but rest not clear; spu-
 rring out to 7420v, 7360v (+ 30 kHz); ancd 212 phone (ibid.) 7375 12/9 0300v-0315, 34444,
 moderately strong w/out QRM/N; ELO mx, no ID, QSY to 7368 & jumped around during xmen; 0320-
 0324 on 6925.8, presumably same stn w/same ELO mx, no ID (Baxter, KS) 7072 surely a cland,
 most days since 18/8 1418, 1500v-27/8, rapid QSB, Mideast type pgm, may well be v of Iranian
 Kurdistan; plentiful audio but phone-line quality and I can't discern lang yet (Bob Hill,
 GA, 31/8) 6576v *1000-1030* possible cland, NA, oriental mx, talk by woman, daily but wed-
 ged in QRM; not Peking! (Jim Young, CA) 6566 Spanish 0500 25/9, too much static and very
 weak, definitely not cland (Chuck Oliver, TX) Is R Belo, Colombia, Bogota as ID 25/9 0700,
 must be another feeder (Mitch Sams, AR, OMDC) 6160 23/9 0945-0959* continuous instl mx,
 strong, pulled plug in mid-tune, 454 (Jack Jones, MS) 6080 13/10 0955-1025, mx & GMT-4 TCs,
 no ID, ocell fanfare, gone by 1045 USSR takeover; R Zaraza? [Venezuela] (David Crawford, FL,
 DKSP) 5935 nightly at precisely *0600-0700* only, vvy weak stn, seems Am-type EGG, lots of
 pop mx, hrd since 10/3; possibly spur from 49m Canadian like CKFX or CKZU (Bob Hill, CA, 21/8)
5065 11/9 0425-0434* SP, SIO 322, clobbered by QRM; Andean mx, M ancr, GMT-5 TC, 0430
 s/off annt, 0432 NA (John Wilkins, Wheat Ridge CO) 5064=R Nacional Progreso, Ecuador, 8/10
 1014-1022 SP M, TC, love tune, echo effect IDs, ads, clear ID (Chuck Bolland, FL) 4951
 [cf Oct LR-B] Vv strong w/instl "Born Free", "Strangers in the Night", "Sound of Music", 25
 mins of mx, 15 mins silence, 25 mins mx, etc. from 0300 11/9, never any ID (Charles George,
 Dallas TX) 0551-0556* "Gone with the Wind" theme, "Strangers...", pulled plug; excellent sig
 like a local, no parallel traced; muzak-form of arrangement (Gerry Bishop, PA, 11/9) 11/9
 0547-0555* on 4952, instl mx, same as above, 0555 off abruptly in mid-song, strongest sig on
 band, no annts, SIO 438 (John Wilkins, Wheat Ridge CO) 4952, unID 0820 non stop jazz mx at
 good strength, abruptly off 0828 (Paul Ormandy, Wellington NZ [no date], Sept NZ DX Times so
 probably earlier than 11/9) 3646 Latin at 0223, SP, ads, mx Mexico-ish, monitored for a
 week but no ID; vvy strong carrier atop it hindering; also at 0150 3 separate nights (Mitch
 Sams, AR, OMDC 1/10) Still hearing it around 0200 u/big carrier (Sams, OMDC 15/10) 3410 stn
 w/CBC mx from S Ste Marie or Sudbury, 20/10; called CBC Sudbury and engr confirmed I was
 hearing their pgm Morning North at 1125 but could not explain why on 3410; said all their
 AM xmters are very low powered (Steven R Lare, Holland MI) 2840 movie soundtracks hrd 29/8
 0252, 30/8 0117 but not at 2342; 13/9 0052; probably near-by drive-in. Also another on 1640
 kHz, 2/10 2342 to 3/10 0026, and 0257 check (Bob Curtis, VT) How about that? A full page of
 unIDs tho 2 months' worth; lots of interesting stuff to check out. Please report! (gh)

PROPAGATION NOTES

11-17 July Magstorm activity that week was among the more severe I've observed; virtual total absorption of everything except for N/S path. RAE very good on 11710 with absence of Moscow; reports of Lam & some Af rarities. These types of condx, which squelch the powerhouses, a real DXer's delight. But I wonder how many novice SWLs might have taken recently purchased rx back to dealer complaining that they didn't work? (Loren Cox, Jr., Corbin KY)

22 September An extremely interesting opening 1700-1800 UTC, tho there were signs of things to come several hours earlier. Opening occurred in 49m band, and reception on other bands seemed normal. First thing obs was reasonable good sig from Guyana on 5950 at unprecedented time of 1310. The sig continued stable thru 1500, the only other happening of note was slightly enhanced reception of Bolivians on same band, other bands being unaffected. Peak of opening seems to have been reached around 1715--an unID stn in German (presumed R Suta-tenza w/DW transcription, HCJB not sked at this time) hrd on 6075 at 1719; R Súper, Bogotá, w/sports 1725, ID 1727; on 6082 sports w/Peruvian teams; 6090 unID light pop mx; HCJB was strong on 6050 w/radio-periódico 'Vozandes' 1730-1758; these stns not normally hrd after 1130, even in depths of winter, and 1730 22/9 was 8 hours into local daylight! (Tony Jones, near Asunción, Paraguay) 22 Sept too: an equinox can do strange things: 1700-2000+ noted Brazilians on 11765 11780 11805 11915=(QRMed by Paraguay equal level) 11925 11935 11965 15135 15192 15415 15445 17805 17815; underlined were local level; 11780, 15445 and 17805 *1755 (Terry L Krueger, Casselberry FL)

Oct-Nov Several days in late Sept and Oct have produced MUFs to Europe well above 30 MHz, and this might continue into Nov as in previous years despite declining sunspot count; this means lots of harmonics in the 30-31 MHz range, and French TV audio 41.25 MHz, British TV audio around 41.50 MHz; those w/good sensitivity, readout and AM in the 30s and 40s should look for more SWBC harmonics such as f from 17 and 21 MHz bands, not to be confused with images 21.4 MHz above the true frequency due to receiver IFs of 10.7 MHz (gh)

ADXL POPULARITY POLL 1982, third annual. DXers can vote for 5 favourite Lam stns on SW--tropical or international bands; enclose 2 IRCs w/vote until 5 Jan 83. Among all voters will be raffled free subscriptions to Latinoamérica DX (the monthly DX bulletin in Spanish of ADXL) and this bimonthly Latin American DX Report. to: ADXL Asociación DX del Litoral, c/o Emilio Pedro Povrzenic, P O Box 26, Villa Diego 2124, province of Santa Fé, Argentina

CANAUDX IV Fourth somewhat annual Cañaveral Natl Seashore DXpedition will be held (LADXR) at CNS House of Refuge site Sat 13/11 thru Sun 14/11. No formal paperwork but please let me or Terry Krueger know you're coming; donations appreciated for chow costs; dress warmly, bring insect repellent but not WRTVH; bring at least one rx, no AC available; ants up to 6 miles long possible if you allow enough time before sunset to set up; usual arrival time 3 pm; plan ahead stns to try for (David Crawford, P O Box 513, Oak Hill FL 32759 (DKSP))

PUBLICATIONS

1983 World Radio TV Handbook will be published in Jan or Feb and retail in USA for \$17.50. NASWA members are eligible to purchase prior to 20 Nov 1982 at the special price of \$12 + shipping & handling; thereafter, \$14 + S&H until publication date. S&H by UPS or Book Rate USPS (please specify) is \$4 worldwide except Canada. Canadians should write to SWL Horizons, c/o Don Moman, 6815 12th Ave., Edmonton, Alta, T6K 3J6, w/SASE for details. S&H by First Class Mail, US only is \$5 per copy. Payments by personal check or MD in US\$ on a US bank, payable to CENTURY PRINT SHOP, must be accompanied by SASE for confirmation of shipment and 1984 pre-pub details. Please mail prior to 20 Nov 1982 for the Special \$12+S&H price to: Century Print Shop, Donald Erickson, 6059 Essex St., Riverside CA 92504, Phone 714-687-5910 seven days. California residents must add state sales tax (Don Erickson)

Voices Any word on status of this mag? I ordered first four issues and year sub; received a set of four, then another set of the same four, then Fall 81 with a notice they were going quarterly - but that since I'd paid for a year sub of 12, I'd be receiving instead a 3-year sub now of four ish each. I've rxd no further word nor ish from them. How can I retrieve my \$12? (Dave Clayton, Ann Arbor MI) It's been nearly a year since I rxd last issue, Fall 81 and would like to know status of pub; nothing hrd from Voices itself nor MN or SWL Digest (Steve Meador, Richmond VA) We are receiving increasing number of letters re Voices, advertised in WRTH 82. Letters sent to PO Box numbers listed have been unanswered or returned to sender, and no copies of the mag have been rxd in 1982. Our own efforts to contact the publisher have also been unsuccessful. It is therefore assumed that Voices no longer exists -- the ad in WRTH 82 was published in good faith, and we regret inconvenience to our readers. Since Voices is in no way connected with WRTH, we are unable to assist with refunds or forwarding mail (Andy Sennitt, WRTH Newsletter Sept) Patrick Humphreys, who was behind Voices, was interviewed on RN MN 23/9; he said it was being wound up because of lack of promised advertising support, etc., that everyone who subscribed lost a little money but that he had lost \$10,000; no money taken since March since PO Boxes closed; it had reached 5000 paid subscriptions, he said, and admitted that his reputation was tarnished (gh)

Voice for the World is a BBC publication covering its 50-year history, excellently written and profusely illustrated 57-page booklet including look at BBCMS & FBIS; transmitters, lang teaching, news, transcription, audience research; many photos & charts; well worth the price of \$1.50, about \$2.60 US for postage & handling; I used a regular bank money order and received my copy in 2 1/2 weeks. Available from BBC External Services, Bush House, Strand, London WC2B 4PH (Rufus Jordan, Pittsburgh PA) Try their New York office too? (gh)

The VOA Should Address Existing Problems to Ensure High Performance is a 57 page 29/7 report of the General Accounting Office, No. GAO/ID-82-37. It's free from US GAO, Document Handling & Information Services Facility, P O Box 6015, Gaithersburg MD 20877 (R Boltuck)

Señal de Libertad is magazine of R Venceremos, out of Mexico, US\$1.50 for one issue, \$8 for 6 ish, \$16 for 12, don't know how often published, No. 18 is 24 pp all in SP w/reports on combat ops, Reagan policies, article by an American fighting w/PMLN; well illustrated. Subs go to A.P. 7-907, México, DF (John Santosuosso, Lakeland FL, RIB)

Peking Review, 22/2/82 issue contains a multi-page article about the Chinese radio scene; well recommended (Jonathan Gordon-Till, UK, via Australian DX News, July)

Computers & Electronics is new name for Popular Electronics starting with Nov 1982 issue. My DX Listening & Broadcasts in English columns continue under the new name, in the Nov, Dec and Jan ... issues (gh)

Popular Communications, premier issue Sept 82 is slick, professional, well-done, with articles of particular interest to SWL/DX hobbyist on undercover radio, drug smugglers, revolutionary radio in Lam; Gerry Dexter's list of Lam clans and addr; eqp reviews on MFJ 1040 Deluxe HF Presselector II, Japan Radio Co's MCM-515 fq controller. Both are detailed and include specs and performance data. Also Dexter's Listening Post w/latest [sic] rx on being--R Martí, VOA, Reagan admn proposed changes, etc. Bandscan, SWL club highlight, Muick's Free Radio Focus, ute stn guide; quite a magazine! (Rufus Jordan, CA) Sept issue not available here until 20/9 due to distrib screwup (Joel Rubin, Berkeley CA) An anonymous reviewer decries PopComm's passé "gee-whizz" approach to radio and thinks it will not succeed without undertaking a more mature approach. And I note the Oct issue has far less of interest to the SWL/DXer--the old bait-and-switch routine? Good thing I looked thru it on newsstand before not buying it (gh)

QO Amateur Radio, Sept 82 has "Novice: Shortwave Listening Part V" by Bill Welsh, pp 92-94. Covers selection and utilization of loudspeakers, earphones, and in considerable detail, antennas. Oct issue will conclude series w/signal reporting codes, QSL cards, logs and amateur radio (Rufus Jordan, Pittsburgh PA)

DX Australia, the new club, has the following membership rates which include "DXers Calling"--A\$15 in Au/SPac; A\$20 by sea worldwide; A\$25 by air. IMD or bank cheque in Australian currency; sample/info for 1 or more IRCs. P O Box 80, Forest Hills Centre, Vic. 3131 (Rob Williams)

Static is pirate radio cassette magazine put out by CEN. Issue #2 goes 30 mins, contains latest info on Free Radio wmat throat world; via airmail ANZ for A\$2; USA for US\$3; UK/4; FRG for DM 7.5; Holland 8.5 Guilder. Cash only. MOs, bank drafts or cheques cannot be accepted. Radio CEN, Number One BROWNS LANE, North Sydney, NSW 2060, Australia (Patrick Fitzgerald, Melbourne, RA Japanese DX Time 3/10)

USDXA/Signal [cf Oct LM] Subsequently, Andy Newton said he fired David Snyder and the BOD; Snyder never replied despite SASE sent to him as requested. The Signal has not appeared since August, and Raif Munster advises that Newton is closing it down, plans to refund (gh)

Confidential Frequency List, 5th edition by Oliver P Farrell, \$9.95 from Gilfer Associates, P O Box 239, 52 Park Ave., Park Ridge NJ 07656. This is the most complete, UP TO DATE list of SW utility stns we've ever seen. ITU lists are of course more complete but they are never up to date and cost at least 10 times as much. Farrell's compilation is cross-indexed by call letters which makes it especially useful for CW & KITTY DXers. The only significant defects are (1) no listings below 4 MHz (but the call letter listing is also useful in that area), and (2) this bizarre statement with reference to the "spy" nature of numbers stns - "rapidly going out of fashion for lack of evidence." "Spy" may be an oversimplification but there is ample evidence that many numbers stns are of a subversive nature. But CFL includes excellent discussions of those mysterious CW beacons found on a variety of SW fqs, coming shifts in aero channels, and fqs used by foreign embassies which have xmtr privileges in the US (all assigned KNY calls, e.g. KNY37, East Germany's Washington DC embassy)

Ed. Note: On these first nine pages you have witnessed the thorough coverage I like (SWNS) to give in LM to matters other than the A-to-Z country information, but which due to lack of space usually gets contracted toward the end or even omitted as in October. Now! A-Z :

K E Y Letters along left margin enable you to spot items in categories of interest: A = amateur, C = clandestine, D = death, E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, F = future plans, Q = QSL info, S = stamps & postal, T = time jumps, U = utility, V = television, X = DX programs

AFGHANISTAN RM relaying Kabul on 9665 1905 in EG (Cecil Symes, Wellington, Sept NZDKT) E R Afgh bc talk 4/9 by MinCom that plans 1000 kW MW xmtr and 200 kW SW xmtr project; eqp P also would be installed in Tarinkot, Leshkarga, Zaranj, Bamian, Chaghcharan, Khoat, Ghazni and Maymana to relay pgs from central radio & local stns. Tech facilities for increasing radio pgnng and for xmting pgs from Kabul to Moscow would be developed (WBI 9/9) Kabul 3965 noted 1515 w/Dari talk on Pak/Afgh relations, not // 4740 which was then in Pushtu, 30/9 (Richard E Wood, Abha, Saudi Arabia; henceforth, RW/SA) R Afgh ES, Kabul; *OSSR xmtr: 1000-1030 EG SAs *21460 *15255 6230, 1230-1430 Urdu SAs *15255 *11960 6230 (from 1330), 1430-1630 Pashto/Dari SAs "Voice of the Homeland" *15255 *11960 6230, 1630-1700 BS E 11805=not confirmed, 1700-1730 AR ME *15470 *15350 11805 (not confirmed), 1730-1830 Pashto/Dari, 1830-1900 GM, 1900-1930 EG Ru 15077 *11960 *9665 (WBI 7/10)

ALBANIA R Tirana, Chinese hrd 0515 15/10 on 10510, 14320 and tent. 16230 (G Rotramel, AR)
R Tirana Greek 0430-0458 19/9 on 7095 rather than 7090 (Richard E Wood, St Louis MO) Sure
H not V of Greece as sked there? (gh) Gjirokastër 25284, widely-reported harmonic of 5057a,
talks & mx in Albanian 0920 26/9; my only harmonic logging here so far (REW/SA, 1/10)

ALGERIA Stn in late Sept on 10362, 6/10 10345 in AR, often martial mx like Baghdad, f/in
1500, 10th harmonic of megawatt on 1035-67 (Wolfgang Büschel, Stuttgart, W Germany) Libya
presumed on 10363 0210-0300+, excellent sig, 4 pips 0300, //9533, went Jamshiriyah, 24/9
(Reinstein & R Wilkner, DK S Florida) Per Terry Krueger this is Algeria (DKSP) 10363 12/10
0700-0915+ vy strong // 9533 w/AR mx, play about Columbus; could not understand IDs but one
word stood out--Kahel. Vy similar to 17260 bcs a couple yrs ago and like it this is almost
24h (Garth Rotramel, AR, OMDC) Checked 15/10 at 0400 on 10362.6, ID in Arabic for Algeria;
9533 not hrd at this time (gh) 10363 not hrd last 3 nites, but 15/10 was // 6160 at 0610
(Garth Rotramel, AR via Mitch Sams 19/10) See also unID section, 9533

ANGOLA Looking for then unID on 9533, 26/9 hrd weak sig at 2357, but at 2359 recheck hrd
instead good strength sig but unstable carrier from RNA w/off; must have come on the air
just in time to go off (gh) This was on 9535 (gh) Em Reg do Moçâmedes on 5011v, PT 2250
8/10, long talk on Namibia, ID, NA, 2315*, unstable xmtx (W J Parks, FL, DKSP) 7245, RNA
13/10 *0400-0420+ some nights w/QRM from RFE Romanian, first thought claud (Sams & Rotra-
mel, AR, 18/10)

ANTIGUA First two thirds of Sept, Caribbean Beacon was very much weaker, mostly inaudible
M than usual on 1610 at SWNS HQ, e.g. 0230 14/9 while VOA-Antigua topping 1580. CB returned
to normal strength 20/9 & since. Incidentally, how could R Martz's Florida xmtx use 1610,
P as proposed by CB owner, unless WKWP Key West moved from 1600? (SWNS)

ANTARCTICA Caught AFAN again 1130-1200 13/10 on 6012 USB (the AM worked, not as well). Vy
E fluttery, low active condx; also G during unsettled & high geomag activity; this is best
Q time of year to QSL as mail is moving down there to about end of Nov. Need to notch het
from 6015. Carrier is not fully suppressed. QSLs usually in 2-3 weeks unless something
holds up mail (Paul Kowalski, Milwaukee WI) Surprising reception at fair level on 6012 w/
pops 1130-1156, ID as "The world's southernmost radio station now ends another day. AFAN
McMurdo broadcasts on FM 100.1 MHz and shortwave sixty twelve kHz; then played NA - a once
only? (Simon Tuck, South Australia, SDC DX Post Oct) & did they s/off 1200? (gh) R Nacio-
nal Arcángel San Gabriel, 6030a, 2344-2410 23/9 slow LM vocals, YL comments between, //
E stronger 15474; flutter, long deep fades whilst 15474 was constant. Again 25/9 w/EG ID
tape and repeated SP IDs (Robert Wilkner, FL, DKSP) 27+28/9 2215-2330 15474 IDs in SP, EG
and IT; asking for reports; heavy fading, F-G (Fabrizio Magrone, Italy, Play-DK) 5/10 on
15474, 0000 seemed world mx, 0021 ID, Arg mx studio quality pgms; some days seems locally
produced, others entirely from mainland; taps at 0030* (Garth Rotramel, AR, OMDC) 15476nom
LRA36 2200-2430 daily, has IDs in EG, FR, IT, immediately following s/on & during pgms
(Tony Jones, Paraguay, 3/10) 15474 Sat 10/9 2200-0055*, other days to 0032+; strong sig,
suspect 10+ kW (Ernie Behr, Kenora Ont) 15475 2358-2420, many IDs by YL w/ instl piano mx,
almost daily (Chris Lobdell, Stoneham MA, 12/10)

ANTIGUA BBC hrd on 18525 EG 0115 3/9, vy weak, rapid fade; 0125, no het w/BPO on (Chuck
H Oliver, Spring TX) 3 x 6175 harmonic. I hear 4th harmonic more, e.g. 2055 25/9 on 24700(gh)

ARGENTINA From visit to R El Mundo, this info: LBU 15290 1.5 kW 0830-0130; LEX 11755 7.5
kW 0100-0830; LEX1 10 kW 6120 0900-0700 all daily; LEX2 9710 7.5 kW 1500-0100 Sun-Fri,
Q 0830-1600 Sat. 100% QSL (Gabriel Ivan Barrera, Bs As) R Argentina, 6091 14/8 2034-2120 P-P
w/soccer game giving this fq, 6060, 9690 in net (Tomooki Hirata, Japan, R Nuevo Mundo) 29/
8 on 6091 at 2052-2113 it was R Belgrano; nx 2100 (ibid.) R Mac Mendoza, 2/10 0741 on
E 6178.5, ID after Peruvian sounding mx (Jack Jones, MS) RAE EG svc xmt during auroral condx
on 15345 22/9 1945-2000* w/MGW amazingly cracking jibes at defunct junta, praising re-
sumed air svc to Eu and asking for reports. Carted EG M asked returns to 11710, no trace
here, during upcoming SP/EG/JP/PT/GM/IT/FR ID/fq annts, then off. AFETS audible only af-
ter RAE off (Terry L Krueger, FL) RAE 11709 seems better here than in US, under normal
condx; 0300 SP 28/9 (REW/SA) RAE has added a modern 100 kW xmtx, has new pgms and bcs in
12 languages at different times (Ricardo E Cresta, Nogoyá, Argentina, RN Info-EX 1/7) More
langs than I was aware of; please name them (gh) [CF Oct LK-11] Correct address for RAE
rep in California is 666 E 17 St, Suite 102, Santa Ana CA 92731; another number is (213)
859-4088 (George Moshier, Canoga Park CA) RAE sked also shows SP to SA 2130-2200 Mon-Sat
on 9690 & 6060 & 99.1 FM (WBL 21/10) LR2, R Argentina, uses R Mac xmtxs 6060 & 9690 for
sports, variable sked Thu or Wed 0000-0200; Sun 1900-2100. Report to: R Cadena Argentina
Deportiva, Corrientes 2565, 1046 Buenos Aires (Carlos Bazán, Oct Australian DX News)

AUSTRALIA R Zeilas, Sydney pirate on 6277 still hrd despite earlier raid & closedown, most
C nights 4/10, 30/9, 9/10, F-E sigs, plays Greek mx; good mod; various times 1120-1200+ (Pat
Fitzgerald, Victoria, ADXN) Many annts mentioning Sydney suburbs, jazz, apparently only
warned not to resume (ibid.) R CBN, Sydney pirate returns! 7400v 0708-0737* 2/10, VG w/
xmtx tests, not on advertised 7350 (ibid.) Sked rxd direct from stn is 0600-0730 on 31/10,
14/11, 28/11 on 7400, first half own pgm, last half of each other pgms: 31/10 IBC, 14/11
Britain R Intl, 28/11 R East Coast Commercial; no pgms during Dec, back in Jan. See also
PUBLICATIONS: Static (ADXN) 0730 is before Sydney sunset, but maybe slight chance of Nam
L DX before s/off (gh) R Australia w/Commonwealth Games spl in EG *1400 on 21590 17870. Re-
lay quality suggests Carnarvon, booming sig, much better than regular RA fqs here (REW/SA
5/10) In an unprecedented move, and w/little prior publicity, RA xmtxs have been heard via

BBC facilities at 4 different locations, 30 min bcs to SAs & Af from Thu 30/9, spl reports from the Commonwealth Games in Brisbane, obs sked: 9605 100 kW Masirah 1300-1330; rest 1400-1430: 15430 100 Cyprus, 17870 & 21570 250 Ascension, 21590 250 UK. 17870 was used from 2nd day onwards, 21570 on opening day only. RA relays concluded at the end of the Games, Sat 9/10. Pgm was fed from Melbourne to London by satellite, then distributed thru usual BBC feeder net (Adrian Peterson, India, R Monitors Intl 14/11) 9605, 15430 and 21590 also reported by Aussie DXers in ADXN (gh) RA would like reception reports on tests in EG to Japan on 11845 around 1200 (Bruce Tindall, NC, 22/9) BBCWS via Antigua on 11775 now being QRM'd by R Australia (Loren Cox, Jr., KY) Also noted here, pitiful lack of coordination between stns supposedly cooperating--but next day RA had shifted to 11770 at 1200 (gh) RA also found on unlisted 15395 at 0600, v'y strong circa 8/10 (gh) 11770 was a spl relay via BBC Antigua of RA Commonwealth Games coverage (Kevin Kelly, Verona NJ) Negative, they wouldn't operate two xmtrs 5 kHz apart from same site (gh) Extra RA fqs you hrd were for Games, Shepparton 50 kW on 15395 0230-0730 and 11775 (later 11770) 0930-1230 directed to U mid-Pac & NAM (Robert Jones, Maroubra NSW, 14/10) The 10 kW Lyndhurst feeder on 12290 carries EG 0700-0900 & 1630-2000 (Jack L Curtis, Lyndhurst Hants, WDXC Contact Oct) 12292 is widely hrd in Eu & other areas; but it's unlikely RA will move OOB in near future (Bob Padula, ADXN) Big news is that RA's DX pgm Spectrum will be heard every week from November, X including GMT Mon 0330 for NAM on 17795, and it's twice as long as the old DXers Calling. Dick, you're doing something right, so to "Speak". I am eagerly looking forward to this (Joe Hanlon, PA) ARDXC segments on 3rd and 5th Sundays, including interviews Peter Bunn and I made during recent European trip (Bob Padula, ADXN) Opening of RA's new studios in East Burwood will probably take place in late Nov; RA staff were due to move there 18/10, with the English staff the last to move (Peter Bunn, Oct ADXN) DOC is considering proposal P for new SW xmtr site for RA nr Townsville; Shepparton being too far south to serve Pac well. Site would almost certainly be with MW ABC stn 4QN at Clevedon; likely that 3 of Shep SW xmtrs will be moved to Townsville, once approved by govt, on air by 1984 at earliest (Peter Bunn, The Age, Melbourne, 25/3 via WWR: TPMSD 218 via R Horvitz, RI) 7RPH, Hobart, Tasmania, on 1620 kHz hrd at 1311 4/7 w/mx, anmcs, list 500 watts! Sat 1400*, other nights 1200*. G at times, lost by 1330. And on 1750 kHz, VL2VU, Kensington, university stn hrd 16/8 w/talk on Cobol 0920-0933, v'y weak, 300 watts; utc QRM 1740-1760 (Pat Martin, Seaside OR, INCA DX Monitor) VL2VU QSLed in 2 weeks, confirmed 300 watts, w/ave vert (ibid)

AUSTRIA ORF D82 changes vis-a-vis S82: Eu 2000-2200 9615. ENAM 1200-1300 21615. WNAW 0400-0600 5945. CAm 0200-0400 9515 [conflicting w/BBC if it moves there from 9505]. SAM 2100-0200 11665, 2100-2300 9655. Waf 1900-2100 12015. SAF 1700-1900 15560, 1900-2100 11890. Eaf 1700-1900 11955. ME 0600-0900 15410, 1700-2000 11860. S&SEAs 1500-1700 11855 & 15295. SEAs/AuAs 0400-0600 17745; AuAs 0700-0900 17740 longpath, 1008-1200 17870 & 21490. EAs 1200-1500 9695 (ORF 24/10 anmt via Joe Hanlon & gh) Schulungssender 28/9 1100 in GM on 5036, G (Fabrizio Magrone, Italy, Play-DX)

H AFRICANIAN R Baku at 1155 4/9 on 28710, local IDs 6 x 4785 (Malcolm Davies, UK, WDXC Cont.)

BANGLADESH Dacca, R Bang on new 17743 for EG 1230-1300, F but some USSR QRM; not hrd every E night, thot to be nom. 17800; // 15282 regularly (Craig Seager, Bathurst NSW, RA DX 19/9) EG at 1230-1300 on 15282 only, definitely not on 17462 (Victor Goonetilleke, Sri Lanka, UADK via SCIX 26/10) Overseas svc 1230-1300 EG 15280 17800, 1315-1345 NP [illegible] and 9620; 1400-1500 UD 11945 15510, 1600-1630 HD 11765 9540; 1645-1715 AR 7280 9540, 1715-1815 BG 7280 9540, 1815-1915 EG 7280 9540. RS on SW: 0000-0215 3240 4890; 0215-0230 4890; 0230-0305 7220 4890; 0305-0330 7220 (Sun -0500); 0600-1000 9580 7220; 1030-1315 6145 7220; 1330-1345 3240; 1345-1730 3240 7220. No xmsn on Suns on 7220 0930- (T R Basu & P C Kundu, July-August Asian DE Review, India) RB, Dacca, DS SW sked: 9580 0600-1000. 7220 0230-0400 & 0600-1000. 6145 1030-1315. 4890 0000-0305. 3240 0000-0215 & 1325-1730. EG nx amid Ben-E gali pgms: 0145-0155, 0605-0610, 0835-0845, 1205-1210, 1530-1545, 1705-1710 (WBI 23/9)

BELGIUM BRT advises that EG for D82 will be: 1400-1445 M-F 17915 NAM; 21810 FE. 1915-2000 E daily 15590 Af, 7335 Eu. 2200-2245 Mon-Sat 11975 Af, 7335 Eu. 0030-0115 daily NAM 9870, SAM 11695 (Jim Conrad, Waterloo LA) Full D82 BRT sked: Mon-Sat: 0430-0557 9615, 0430-0715 11965, 0558-0715 15570. 0800-0905 6010 11695, 1100-1230 21810 26050. 1235-1300 M/T/W/T/S 21810 21815. 1330-1445 M-F 21810 17915. 1700-1750 11695, 1700-1800 15590. 1800-2030 15590 7335. 2030-2245 11975 7335. 2300-0115 9870 11695. Sun: 0530-0750 11965 15570. 0800-1230 21810 26050. 1235-1300 21810 21815. 1315-1659 21810, 1315-1750 11695, 1700-1800 15590. 1800-2030 15590 7335. 2030-2245 11975 7335. 2300-0115 9870 11695 (BRT) BBCMS 21/10 gives RTBF La Voix de l'Amitié sked but probably outdated; fqs used are 21460, X 17675, 15210, 11780/11785, 9645, 6050, 5965. DX pgm Sun 1230-1300 21460 5965, Fri 1900-1930 17675 15210. Also has BRX nx in German 1130-1137 21460 5965. (gh) R Del Mare, Antwerpen, 31/8 0018-0048 on 6205, LD, EG nx; addr Box 36, B-2050 Antwerpen; excellent (M. Paccetti, Italy, Play-DX) Note unusual time, suitable for NAM reception (gh)

BELIZE R Belize, G level w/QRM on 3285 at *1100 (Loren Cox, Jr., Corbin KY, 20/9)

BOLIVIA R Machupo reactivated 5450, first hrd 27/9, then regular; nom *2300 but usually nearer 2315; nom s/off unk, but obs varying 0245/0345. R Abaroa 4718 ex-4730 since 24/9, possibly earlier. R Antmas, 4990, 1100-? & 2100-0300 (usually nearer 0310*). R Libertad (Entre Ríos) now 0100v* on 3885; s/on still 2300. Power is 75 watts, per QSL to Brazilian DXer Antônio Ribeiro da Motta. Cf Sept LN-14, the fq error by RN was not their fault--the Telex op in Asunción miscopied my msg and I couldn't wait to check the copy. R 27 de Dic, 3350, announces *2200 tho still 2220 apx-0200. R Illimani, 4945/6025 has GM pgm Fri UTC

0105-0135, entitled 'Bolivia al Día' (sic), produced by MinCom. R. Sténot, 6195, 1000-1800 (ex-2230*) since 13/9; irregular, evenings (Tony Jones, Paraguay, 3/10) R 23 de Marzo, 4638, now fairly regular to 0300*; final pgm is 'Música para elegir' (Tony Jones, 23/8 via R Nuevo Mundo) QSL card and personal letter from R Abaroa, 4710, QSL manager Rolman Medina Mendes says he's a DXer himself and verifies out of his own pocket. Also says R Riberalta has no interest in reports & QSLing (Giuseppe Zella, Italy, Play-DX) R Norte 0300* w/IDs in FR, GM, IT & SP; from Montero, province of Obispo San Esteban, Dept. de Santa Cruz on 1060, 4935, 95 MHz FM (Néstor D Fichetto, Argentina, RN Info-DX 1/9) S/off E in EG, FR, GM, IT at 0030 (Radio y Comunicación Dixismo, Argentina via SCDX 7/9)

BOTSWANA R Botswana's SWBC expansion pgm set back by two yrs due to supply delays; delivery of 3 x 50-kW SW xmters promised for 1981 now put back to late 1983, the Siemens company says and cost increased by 50%; cost was a megapula (Gaborone Daily News 16/3 via WWR: TPRED #214 via R Horvitz, Oct RIB)/RNacTabatinga now clear *1000-1030 4815 (Bolland 15/10)

BRAZIL After RVA 0432* on 17815, R Cultura de São Paulo weak w/light mx to 0455 ID, long list of calls & fqs, lengthy anthem to 0500* (Bob Hill, CA, 20/9) R Bandeirantes on extended sked, *0730 ex *0830, fair on 6185, no //s hrd (Matthew Francis, RA DX 12/9) A Voz do Oeste, Cuiabá, 4775 0936-1020f, tentative w/GMT -4 TC at 1000, Braz mx (Geoff Coster, Australia, R Nuevo Mundo 3/10) I rxd letter from R BR in reply to a letter sent to R Nac, Rio. They say that due to lack of personnel, the local stns of RNB cannot confirm reception reports from foreign listeners, and that all foreign mail is dispatched by RN HQ in Brasília (Claudio Dondi, Italy, SCDX 7/9) R Record, 15135, 1810-2130+ during solar disturbances/geomagnetic activity; all alone, no QRM, S4 sig (Garry Bishop, PA) See also Krueger's report under PROPAGATION NOTES (gh) RNB again messing up 16mb with spurs last night (Mitch Sams, AR, 13/10) Hrd RNB announce that from 1/10 they were experimenting to Eu at 1800 on 15435, reports wanted (gh) RNB 15280 2100-2200 PT Af highly successful here just beyond target area; 2110-2200 27/9 speech of Pres João Batista Figueiredo. And [5/10] on booming new 17720 w/"Repórter Brasileiro" in PT 2045-2100, into GM. 14/10 *2045 PT on 17720 & 15280, 2100 GM (REW/SA) 15285 at 2153* 26/9 PT; 2256* 6/10 on 17720 (Chuck Oliver, Spring TX) VOA relay now sked 1130-1400 in SP on 17740 and 15430 (gh) R Transamazônica, 2410, my log of the year--hi! 0237-0300* 15/8, difficult w/QSB, QRN but positive ID (Gordon Bennett, UK WDXC Contact) R Liberal, 3325, 7/9 0402-0510+, maybe first day on air, interminable phone-in w/local singer prone to burst into song during conversations; fair w/hets, RITY, CW QRM (Gordon Darling, ibid.) Regular as late as 0620 (Bennett, ibid.) R Dif. do Maranhão, 4755, 0500-0600+ 14/10, nonstop EG rock; ID only at 0537 as R Dif, so cent. R Ribamar, 4785, 0801-0830 16/10, many IDs, time checks, pop mx, Bom Dia pgm L&G M (Chris Lobdell, MA) R Gazeta, SP has daily JP pgm 0800-0950 on 890 and sometimes // 5955 & 9685, called "Japão, música e notícias" (Emilio Pedro Povrženic, Argentina, RN Info-DX)

BULGARIA R Sofia after 1/10 and 2230-2330 & 0000-0100 on 31 & 19m, hrd on 9700; 0400-0500 E on 25m, 0730-0800 on 25 & 19; 1930-2000 on 31 & 19; 2130-2200 on 31 & 25, hrd on 9700 & 11750. Probably changed again for D82 to lower fqs (gh)

BURMA V of Burma indigenous svc sked from 1/10 to 31/12 on 4725: *1030 Kayah, 1100 Sgaw Karen, 1130 Pwo Karen, 1200 Chin, 1230 Mon, 1300 Arakanese, 1330 Burmese, 1345 Shan, 1415 Kachin, 1445-1545* Burmese (Sun 1445* and may end at 1445* in forthcoming months) (Ugusa)

CAMBODIA R Bafoussam 4000 at 1730 EG nx by W 26/9 (REW/SA) See also CLAND R Freedom

CANADA CKDA, Victoria BC hrd on 3660, 3 x 1220 at 1327 13/8, poor w/local ads (Don Moran, Alberta, ASWLC) CFVP Calgary hrd 17/8 after many yrs trying; has to be the hardest of the Canadians to hear in NZ in recent yrs, much more difficult than CKFX. Blocked 0940 by R. Japan s/on (Steven Greenyer, Invercargill) 26/9 on 6030 AFRTS had hat till its 1200* after which CFVP hrd w/out really trying s/off a minute later, "until 5:30 tomorrow morning" which doesn't make sense since it was already 6 am MDT; this was a Sunday (gh) CFVP 4/10 0807-0829 sports scores, local ads, typical late nite one man opn, vy weak but in the clear, 252 (Jack Jones, MS) Science pgm Quirks & Quarks is back on CBCNS! Sats 1605-1659 [now 1705] (Steven R Lars, MI) First noted in Aug, but that it was temporary, but still on 16/10, so Village Huron pgm dropped or moved (Kevin Kelly, NJ) 11720 & 9625 (gh) 28/11 CBC rearranges its sked to carry the Grey Cup game at 1805. 'Booktime' on CBC Radio (not SW) starts new 15-part reading Mon 8/11, 10:25pm local, "How I Spent My Summer Holidays" by W.O. Mitchell, read by the author. 'Nightfall' now GMT Sats 0030 apx on 11850 & 5960: 12/11 "Lazarus Rising" by John Douglas; 19/11 "Young Goodman Brown" by Hawthorne; 26/11 "Whatever Happened to Hutchings" by Roy Sellows (CBC Guide) CBL 740 Toronto again noted w/BBC Comedy at 5:30 am ET! Wed 29/9 "I'm Sorry, I'll Read That Again" (again) (gh) CBC P lays off 180 and cuts budgets to reduce deficit. Mainly concerning EG-lang TV, but in radio, fewer new segments of The Entertainers, Anthology and Variety Tonight will be made, and one edition of Sunday Morning will be dropped a year (Vancouver Sun, 16/10 via Ken E Wong) RCI EG D82: 0100-0129 11850 5960, 0200-0229 11845 5960 (GMT Sun & Mon also 11940 X 9755 9535), 0300-0329 11940 11845 9755 9535 5960 [GMT Mons SWL Digest expected to shift to 0100 & 0400 xmts, Mailbag 0200 & 0300 from 1/11], 0400-0429 9755 9535 5960. 0615-0630 & 0645-0700 Mon-Fri 11960 9760 6140 D-7155 Eu, D-17860 D-15265 ME, 11825 6045 D-11775 Af. 1300-1325 Mon-Fri 17860 15440 11855 11955 9575. 1400-1700 Sun 17820 11955. 1537-1545 21695 17820 Mon-Sat 15325 D-11935 S-15315 S-15115; 1645-1700 21695 17820 Mon-Sat 15325 D-11935 D-9650. 1725-1829 (Sat & Sun 1859) 17820 15260. 1900-1929 (Sat & Sun 1959) 17875 15325 11905 D-7285 D-5995. 1900-1929 M-F 17820 15260. 2000-2029 M-F 17875 17820 15325 11905 D-5995. 2130-2159 17875 17820 15325 15150 11945. 2200-2259 M-F 15325 11925 &

9760. 2300-0059 M-F (2255-2329 Sat, 2255-2359 Sun) 11850 5960. CBC NQ SW Svc: 1158-1359
 Q 9625 6065, 1400-2329 11720 9625, 2330-0609 9625 6195 (BCI) CHU sent QSL in 29 days, no
 IRCs sent, for 7398 (R Novarino, Play-DX, Italy) So they confirmed a spur?? (gh) CFVP
 6030 0836 23/10 w/CFGN IDs, other ments of Calgary, fair & alone on fq; unhrd since I left
 Montana 6 yrs ago. CEXF 6080 Vancouver in at 0810 23/10 w/C&W mx, CKWX ID 0822, poor w/
 fading but what does one expect for 10 watts? (Gerry Bishop, Christiana PA)

CAPE VERDE Recap of dates & times 7155 stn hrd so far: 12/8 0810-0903*, 21/8 0748-0900*,
 1/9 0740-0800, 16/9 *0732-0735, 17/9 *0726-0800; a tape of 17/9 s/on reveals "Emissora Of-
 ficial" but little else (Bob Hill, CA, 20/9) Geoff Cosier in Australia wrote me about this
 stn, which he was mightily delighted to log: "Mumbled quick PP anmts 0733 1/2 (sic) by a man,
 mentioning "...desde...Cabo Verde, A Voz do São Vicente...em 27 minutos," the guitar theme
 f/up for 5 secs, and much clearer, tho mumbled and quick, ID as "A Vozh d'Sow Wisenty" (if
 you'll pardon my transliteration)." It's not amazing that few have reported it: 0730 is
 8:30 am in Europe, late for 4m in August; and it's anywhere between 12:30 am and 3:30 am
 in USA; only JP & Au/NZ DXers would be likely to tune 4m then, and I desassy CV would be
 a rather difficult path for them; and DXers avoid 4m in general due to ham QRM (Hill, CA)
 Remember this is not a possible catch on weekends, due to Budapest QRM (Peter Bunn, ADXN)

CHINA R Peking EG effective 30/10: ENAm 0000, 0100 11650 15120 15520; 0200 11650 15120; 12
 E 00 on 9820. WNAW 0300 11650 15120 15520, 0400 11650 15120. SPAC 0830 & 0930 on 9860
 11600 15195 15435. SEAS 1200 & 1300 1341 11600 15280 17700. SAs 1400 & 1500 11600 17700.
 E6SAF 1600 & 1700 11600 15165. W6NAF 1930 & 2030 7480 11515. Eu 1900 & 2100 6860 9860.
 0300 Cantonese 11980 15600, 0400 Std Chinese 11980 15520 15600 (via George J Poppin, CA)

L Some R Peking features in Nov: 9/11 Travel Talk: Flame Mountain, 11/11 Culture in China:
 young Chinese violinists studying in the Menuhin schools of music, 12/11 Profile: The
 first Chinese scientist to explore Antarctica; 13/11 Music from China: Yunnan Mountain
 Sketch [continued in Nov RIB] (gh) R Peking opening in Russian 2000 on 13650, excellent
 (Bryan Clark, Auckland, NZDXI) Xinjiang PBS, Urumqi hrd on 6099.9 appears to be used for
 Russian ES as is 4500 (Noel Green, UK, DSWCI) & sked in Chinese 1030-1730 (Padula, DSWCI)
 CPBS Peking pgm guide 18/9 said from 1/10 would add 2nd svc to Taiwan, increasing hpd from
 20 to 37; Pgm I mainly in Std Ch, Pgm II mainly in Amoy & Hakka; Pgm II 2100-0100 & 0400-
 M 1700; Pgm I 0100-0600 & 1000-2400, main fqs all on MW (WBI 23/9) Make that 0400-1800 for
 Pgm II (WBI 30/9) Guanxi PBS ancd that Wuzhou Municipal PBS resumed bc 1/10, previously
 having operated 10/59 until 6/62 (WBI 14/10) SW fqs of Taiwan svc: Pgm I: 0053-0608 15710
 11000 9455 6645 5125 3360; 0953-1145 15710 11000 9455 3360, 1145-1400 11000 9455 5125
 3360, 1400-1800 9455 6645 5125 3360, 1800-2215 6645 5125 3360, 2215-2305 11000 5125 3360,
 2305-2401 15710 11000 3360. Pgm II: 2053-2300 9170 6790 6095, 2300-0102 11000 9170 6095,
 0353-1000 15880 11000 6095, 1000-1215 11000 9170 6095, 1215-1802 9170 6790 6095 (ibid.)

COLOMBIA Rdif Nac hrd on 17864 5/9 & 6/9, latter date w/ID for HJND, 570 kHz at 0129 af-
 ter long orch pipe sounding like soundtrack from Biblical epic, //15333; 17864 was RCLSB
 and kept jumping fq (Bob Hill, Mtn View CA) Rdif Nac, HJZQ on 17852 LSB w/SP nx relays to
 0503*, //HJZP 15333, HJZN 1792.6, 9/10 (Erie Behr, Ont) LV de la Selva, 6170 reactiva-
 ted 9/10 1130-1145 pops, ID, CARACOL nx actualities (Terry Krueger, FL, DXSP) Voz del Pro-
 H greso, 4710, *0950-1035, ment Boyacá state; tuned in to NA, then campo mx, sounds like 1
 tuntable, // 3140 4/10, 3 x 1570 (David Crawford, FL, DXSP) LV del Llano, 25/9 1944 on
 24460.8, several IDs in passing, still in an hour later; 4 x 6115.2 (gh) LV de los Centau-
 ros, 5956 clear at 0946 13/10 w/Buenos Días Colombia (Mitch Sams, AR) QSL letter and post
 Q card of San José del Guaviare rxed from founder of R Transamérica, 6035, Guillermo Pulido.
 He is currently living in FL studying EG at Florida Institute of Technology. Says he
 will accept reception reports at his USA addr, Box 1861, Melbourne FL 32901, or at the
 Apartado Aéreo 16555, Bogotá (Chris Lobdell, Stoneham MA, 19/10) [Cf Sept LN LMI] I called
 NY office of R Sutatenza (212) 586-6011 and was told correct addr is: Simón Bolívar Foun-
 dation, 45 Rockefeller Plaza, Suite 3057, New York NY 10111 (Steven R Lare, MI) vanID 6566

COMOROS R Comores, Moroni, 24/8 on 3335, drift from 3331, 0320-0330 FR songs, vern, ID,
 22332 (Roger Pain, France, DSWCI) also unID on 3335 0300-0346* 29/7 & 10/8 from DSWCIers

CONGO RTVC active yesterday on 15190 in FR, full ID 2105 (Gerry Bishop, PA, 5/10) On 18344
 H 1130-1135 8/8, talks in vern, 3 x 6114.7 (Vashek Kofinek, South Africa, DSWCI) Note Llano
 E harmonic from Colombia usually hrd in NAM around this fq (gh) Sat w/EG "Top of the Pops"
 L 2200-2225 on 9715 (Finn Krone, Denmark, AWR DX 8/8 via DSWCI SW News)

COSTA RICA is concerned w/Nic dominance of [MW] airwaves in the northern part of the coun-
 try; plans to increase number of repeaters, power and efficiency, as well as raising power
 P of R Nacional, 590 kHz from 10 to 50 kW, and to do something similar on SW 6030 kHz, re-
 habilitating 3 Radiografía Costarricense [ute] xmtrs used before the satellite era for
 intl comms, 3 kW each in order to occupy a space on 31m and two more on 49m, making CR's
 presence felt in intl radio (Robert Salgado Randel, CR, RN Info-DX 1/10) R Reloj reported
 28/9 that a "Teacher at Home" project would result in creation of 28 educational radio
 stns in CR, each costing 7 megacolones. The Princess of Lichtenstein [sic] was in CR to
 Q dedicate the net since the Liechtenstein govt was financing it (WBI 7/10) R Reloj QSLed
 after a f/up in 701 days; 3 IRCs total sent, V/s Francisco Barahona G. Correct addr is
 P O Box 341 [San José]; WKBH 82 addr is mistaken, in assigning that box to another stn
 (Alessandro Groppazzi, Italy, Play-DX 20/9) On the contrary--they gave R Reloj on 4832
 the wrong stn number, 9 instead of 8 (gh)

CUBA REC ancd that from 6/9 its morn Quechua svc (presumably 1000-1050) would be bc in the

45m band on 6700 or 6710; 2300-2350 QC still on 15230 (WBI 9/9) RHC and 3/9 that change to 45m band would not take place; would be on 9750 instead. And this was changed to 11760 after 5/9 (WBI 16/9) Got cold feet on deliberate OOB in Peruvian band?? (gh) Roberto Ortiz of Zaragoza, Spain, recently visited RHC; they strongly denied that any RHC xmsns are relayed from the USSR, blaming the allegations on the US and intl press agencies. RHC was indignant at these lies. We herewith reproduce an entry from the IFRB for 9720 kHz showing URS/CUB at 2010-2100 (Jaime Báguena, RN Info-DX 1/9) 9/10 around 2040 was scanning the H 23 MHz band for harmonics, and found RHC all over the place--Arabic on 23900, 2 x 11950, but also on spurs of harmonic, 23734, 23684, 23634, 23584, 23534--note these are all 50 kHz apart. At same time, RHMNS 11840 relay in on 2nd harmonic 23680 (netting 23684 Arabic) and on 23794.2. The AR on 23634 had strong RTTY on top of the bc (gh) V of Cuba in EG E 2350+ 31/8 on 5200, 5 x 1040 but not subsequently (Steve Rainstein, FL, DXSP)

CYPRUS CBC Nicosia in GK, Fri/Sat/Sun 2210-2245 now on 6040 & 7230 Wolfgang Büschel, GFR, 7/10) Hrd on 7230 2210-2245* 26/9 (Christopher P Bagge Jr, Springfield MA) cf AUSTRALIA CZECHOSLOVAKIA For D82, R Prague registered on lfm for first time--25660 Af 1200-1600, E 120 kW (ITU THPFS via Bob Padula, ADKN) EG sked 1430 & 1530 (gh)

CHILE Nacional de Chile 1000-1510 on 9510 & 15150, 1810-0350 on same (Jorge R Leyes, Argentina, RN Info-DX Aug) Interesting harmonic sigs on 2540 kHz from R Universidad Técnica del Estado; local mx, some disco, IDs just as "Técnica del Estado" and GMT-5 TCs, at 0245; 2 x 1270 (Bursell, AWR DX 29/8 via DSWCI) Just where is Bursell? All her loggings are IAm (gh) & I didn't think Chile was ever on GMT -5 (gh)

DENMARK RD seems to have solved xmtr problems, noted daily w/booming sigs on 28550 1300-1355 e.g. 26/9 (REW/SA) S82 sked then to SAs/ME & also at 1200-1252 FE/Au. 17770 at 1000-1052 & 1100-1150, 1400-1452; 0200-0252 on 11825 & 11860; all other xmsns 1730/0152 on 15165 (Rob Williams, NSW, 30/9) From 7/11 RD plans to use 9755 for 0100-0150 to SEAs/Au in DN; concerned w/possible RCI QRM (Padula & Bunn, RA DX 17/10 & ADKN) With good reason L (gh) 1000-1050 pgm is done 'live', taped and replayed thruout day w/nx updates. Mbg pgm every second weekend hosted by DSWCI member & RD tech Erik Kåte (Padula & Bunn, ADKN) Govt P austerity pgm and environmental concerns have led to dropping plans for new SW site on Mors (Berlingske Tidende 13/10 via Michael Schwartz, Copenhagen) So the 500 kW project is off for the time being, but state monopoly might be broken at least on TV (Andy Sennitt, Denmark, RNMN 21/10)

DOMINICAN REPUBLIC R Comercial on 6120v, first noted 8/10, hi-speed SP nx 0930-1100, many items from Sto Domingo, also ads & GMT -4 TCs every minute; no IDs exc "900" before each TC, such as "900, 6:15 minutos"; 12/10 *0858- w/R Comercial ID & merengue mx; varies from 6119.8 to 6120.8 (Ernie Behr, Ont) unID stn on 6048.5 w/"noti-tiempo" pgm at 0950-1050, no IDs noted but //1010 R Comercial; many TCs GMT-4; 7/10 but not since (David Crawford, DXSP) unID DR on 6048 7/10 0030-0130, anc as R Santiago, 830 kcs & 99.7 Mgs; light QRM from HCJB 6050 attenuated w/49m mini-loop active ant, any info on this, Glenn? (Giuseppe Zella, Italy, Play-DX) See also unID section, 24195; and CLAND, La Voz del CD

ECUADOR Radiofónicas Populares on 5014.2 drifting up to 5015.4 1022-1100 18/9, G but ute QRM and from presumed Moyobamba [Perú] s/ on 5015.4--much weaker. "Catari" echo smt and Quechua pgm of bible & mx; ex-3985? (Bill Whitcrae, Alexandria VA) ERP on 5015 15/9 & 16/9 1001+ nice sig, then ute hat; ex-3985 (Steve Reinstein, FL, DXSP) 16/9 1107 on 5014 in SP, talk & Ec mx after rel pgm, some ute QRM de 5015, 333 (Jack Jones, MS) R Nacional Progreso 5062.7 0345 (William Krause, MN, DSWCI) 5064.4 0545 6/9 non-stop mx (Giuseppe Babini, Italy, DSWCI) See also unID section (gh) ID of 4920 stn apparently changed to "Ecuador Radio --LV de la Capital", as hrd 1100-1116 w/sds 9/10, G-P (Chuck Bolland, FL) Not hrd in USA yet, but R LV de la Frontera, HCLM3, 3310, Macara, Loja, replied to my inquiry: right on P frontier w/Perú at Panam hwy, mx format pasillos, plans power increase; proprietor is Sr Amable Torres Heredia, a renaissance man who is also a civil engr & journalist (Ralph W Perry, NJ, R Nuevo Mundo) More info on R Panamericana, 3290, "El Rey de la Sintonía, en su Punto...deade Quero": from gerente Sr Luis A Llerena Paredes: R Panam is intimately tied to former occupant of 3290: "The stn in my possession has 13 yrs of institutional life, first being 'R Santiago de Quero', later 'R Viracocha' until 15/9/81 when SW svc was incorporated, passing definitively to then create 'R Panamericana'" The link w/Lago Agric outlet is that Sr Llerena owned that SW stn too and moved the xmtr and licensing to Quero in one fall swoop of centralization of his radio endeavors: R Panam nom 1 kW, 1000-0300, but yet to be hrd in evening; has staff of 13 incl wife as PD; addr is Carrera Montalvo No. 106; they anxiously await your letters (Ralph W Perry, Sept RNM) Actually *1010v (Ibid)

E HCJB EG D82: Nam 1200-1530 17890 15115, 1200-1430 11740, 0030-0700 9745, 0030-0500 15155, 0030-0200 17885, 0030-0130 15175, 0500-0700 11915 & 6095. SAM 1200-1530 15115, 0030-0130 15175. Eu 0700-0830 9720; 11835 which Sat & Sun *0645. 1730-1800 & 1900-2000 21480 17825 2130-2200 21480 17825 15295. SPac 0700-1030 9745, 0700-1100 11925 6130 (HCJB) And uses X 26020 for most if not all EG xmsns, often audible here daytimes. Roger Stubbe has turned DX Party Line back over to Clayton & Helen Howard (gh) So no more split 21477? (gh)

EGYPT unID Arab on 7150 *0200-0400+ w/QRM steadily increasing, first thought to be R Oman turned out to be new fq for V of the Arabs, Cairo (Bob Hill, CA, 14/9) R Cairo 17930.8, AR ID and religious talk 1600 18/9 (Richard E Wood, St Louis MO) So they joined the Libya & Saudi crowd there? (gh) R Cairo Amharic 1730-1830, listed on 11845 is now on 15155, 11/10. R Cairo is not a dominant stn on SW here compared to Kuwait, Dubai, Libya, Saudi or even Oman & Baghdad. 11665 V of Arabs 1945 26/9; 17665 often in AR but distorted mod. 15375 w/

E EG nx 2115 27/9 (REW/SA) V of Arab svc hrd 1600+ on 10005 // 9695 15475(from 1615); before 1600, 10005 carries "Sudan Corner" svc (WBI 23/9)

EL SALVADOR A new stn is about to be inaugurated, fq unknown but supposed to be SW, Radio Pentecostes, evangelical but w/new concept in radio (Jorge Alberto Salguero, ES, Radio Nederland Info-DX 1/8)

EQUATORIAL GUINEA Malabo 6250 running late 12/9 2215-2300* past sked 2205*, strong w/Af plucked strings to rock-disco mx, ID & long anthem to 2300* (Steve Reinstein, FL, DXSP) R Nacional Bata, 4926, 11/10 w/spl pgm on 10th anniversary of independence, 2300-0100*-0505 [sic] (Giuseppe Zella et al, Play-DX) Malabo 6250 1725 29/9 in Af lang ment Malabo; Bata 4924.5 in Af lang ment Francisco Ngdema 1738 29/9 (REW/SA)

ETHIOPIA VORE ES as per sked in WRTH 82 on 9560; plays much Western mx, nx as sked. 1755* w/sked in Amharic & anthem; loud but QRM Sofia & Moscow. Natl svc also noted various times on 5990 & 7110 as sked (REW/SA)

FALKLAND ISLANDS We began bc again as FBIS 15/6 but on reduced power on 2370 using antenna damaged by British shelling. Others ants unusable, but 2 weeks ago riggers repaired ant and 2370 which was being beamed toward Bs As is now going to W Falklands, as previously. Minefields caused delay in repair. Also opened up on 3958 2 weeks ago; experimental VHF on P 94 MHz; quite soon we'll incorporate BFBS into our net, bringing increased hours of bc and M a new 1 kW VHF xmtr on 96 MHz. MW xmtr damaged during war and is no longer operational. Present sked is 1000-1230, 1800-2200 local time. In a few months, when BFBS staff arrive, we will extend to some 16h a day (Patrick J Watts, Broadcasting Officer, via Harold Sellers Oct DX Ontario) 2370 still a mystery; hints of audio 18/10 0051-0135, 25/10 some solid audio, Brit accent but no ID on 2370, 0045-0115; ship/shore QRM from 2366; not //BBCWS (Gerry Bishop, Christiana PA)

FRANCE Another hi MUF season this fall, despite generally declining solar activity--France V TV audio in around 1530 17/10 on 41250 (gh) RFI Paris Calling Africa in EG will remain at E 1600-1700 thruout the year (Edwin Southwell, WDXC Contact) Confirmed 26/9 1615 on 17620. RFI's new Lam svc hrd more than a week before official 1/10 start, testing 2200-2400 on 11965, 9650 and 6085, also ancing 19m; FR DS relays and IDs in PT, FR, SP. 30/9 at 2255 found 19m on 15285. 1/10 official start, using instead 11995, 11965, 11955, 9790, 6140 & 6085, also ancing 15435 [apparently Gabon] during first hour only. Lang rotation obs to be: 2200 FR, 2230 PT, 2300 SP, 2330 PT, 0000 FR, 0030 SP (gh) 29/9 2200-0100 only hrd on 9785 (REW/SA) The fqs are 6085 6140 11955 11965 15270 15435-Gabon (Joe Hanlon, PA, 5/10) Now on 6085 6140 9650 9785 11730 11955 11965 11995 15270 15435-Gabon (Kevin Kelly, NJ) 15435 & 15270 2200-2300 only; 11995 11965 11955 9790 6140 6085 2200-0100; PT portion also P for Af. Guiana relay from 1/1/84 will allow this to expand to 21hpd to Lam (WBI 7/10) 9790 at 2200-2300, then 9785 2300-0100 (WBI 14/10) [Yet another set of fqs:] 2200-0100 on 6085 6140 9785 11955 11965 15435 17615 (Melchiades Miguel, Brasil, RN Info-DX 1/10) RFI in on H 2nd harmonic 30310, 2 x 15155, 23/10 1319 // 25820 & 25900, but ahead of them by a sat-delay interval; yet I'm sure all 4 fqs are from France; perhaps of the two sites, Allouis & Issoudun, one is sat-fed, the other not? (gh) 11880 FR on Mon only [0800], from strength here compared w/Tahiti, I doubt very much it comes from Tahiti (Steven Greenyer, In-E vercargill NZ, 27/9) [France Inter] nx in EG is after 0700 & 1400 FR nx; GM after the 0800 & 1500 FR nx; until 30/9 (Dirk Albrecht, Gross-Gerau, W Germany, SCIX 31/8) LW, MW, SW, FM GABON [see also above] 5/9, RTG appeared on 7271, 0657 weird guitar noodling & man moaning, 0700 silence, 0702 somber drums, M in FR 0705; no ID hrd; apparently Sun only c 0700 and very irregularly (Bob Hill, CA) Lutheran World Fedn resumed religious bcs to Hausas 5/9 via Africa Number One after 6-year break since R Voice of the Gospel nationalization by Ethiopia in 1977. Pgms produced by Murray Bishara studio in Jos, Nigeria (Religious BCing 10/82 via Randy Erickson, Morgantown PA)

GERMANY WEST 26/9, 27/9, 28/9 DW at 0500-0550 not carrying EG to NAM on 9650 but instead E DLF-produced Czech 0530-0550, jammed; fluke or permanent? (Ralf Munster, GA, 28/9) Oct Program did not anticipate this; maybe something to do with Malta closure (gh) A new 500 P kW xmtrs [sic] is to be installed at Wertachtal, making things a little more 'comfortable' now that Malta closed down; on-air date unk (Wolfgang Scheuermann, AGDX via ADXN) Europa R., Poland? on 5790 18/8, LSB; same in Romanian on 5825 USB 2145-2200 29/8 (Giuseppe Sabini, Italy, DSWC) Surely these are RFE feeders (gh)

GREECE R Sm Makedonia, 15030 to 2217* 29/9, presumed regular since 26/9 switch off DST (Tony Jones, Paraguay) 12/10 *1745-2000+ on 15011.5 apx, just above Vietnam; IS hrd at 1745, 1756, 1930; not // 15050 (Paul Kowalski, WI) Yes, 28/9 1842 on 15012 het Viet, // 15030 which doesn't vary as much; these are 35 kW units, one beamed toward Eu/NAM (gh) UN-ID on 15016 5/10 1850-1945+, 2120-2218*; 6/10 2210 not on, 12/10 on 15012 1900, mx sounds GK, talk SP (Chuck Oliver, TX) ERT now has a third separate pgm on 15050 only, *2200 GK mx, 2340 SP nx to 2350*, not // 11645 9865 or 15019 15030; 9/10 (Behr, Ont) At this and some other times they put one ES on one xmtr, another on the other 2 hi-powers (gh) Thess. J seems stable on 15030, but not 15015, 30/9 2115, both hrd all day; EG on 15050 jammed 1630 -1640, 2025-2035 (REW/SA) Athens on 15055, not 15050 to Panama 2350 6/10 (Bob Padula, ADXN) D82 sked shows only these active fqs for VOG: 17560, 15050, 12045, 11645, 9865, 9420 7095. NAM 0000-0150 & 0200-0350 on 9865 15050 12045; 1200-1250 & 1500-1550 on 15050 17560 11645. 9420 will be co-channel Israel at least at 2000. Macedonia drops 15 MHz for 9: 0600-1000 Sun & 1000-1730 daily on 9815 9885; 1800-2215 on 9885 9900; 9885 is the one beamed 315° (via George Poppin, CA) When VOG is using 250 kW it's via VOA Kavala (gh)

AWR now on 17835 ex-17855 at 0745-0900 Sat & Sun (Alok Das Gupta, India, 21/10)
LA R Cultural hrd on 6600 at 0510 25/9; checked 3300 to be sure (Chuck Oliver, TX)
3370 to 0225+ w/NA (Mitch Sams, OMDC, 1/10) Guatish new stn on 3370 w/marimba 5/10
off by 0155, not // 4835 (Gerry Bishop, PA) But check next morn 5/10 1135 found 3370
/organ mx & vern; had not been on at previous check 1115; so R Tezulutlan (gh) May-
120m? (gh) 6/10 2250-2400+ 3370 // 4835 w/marimba to 2300 when relayed adl pgm from
// 3300 3360 3380 4835 6180; back to own pgm 2319 & into Indian dialect 2328; G sig
, better than 4835 (Steve Reinstein, FL, DXSF) Nothing on 2340 here, but 3370 7/10
first hrd 6/10 0144-0201* tmx Klein tip (Terry Krueger, ibid.) 3370 5/10 0040, IDs
0058 (WJ Parks, ibid.,) R Tezulutlan hrd on new 3370 13/10 0125-0208, many EG pop &
s along w/marimbas, IDs in passing and full ID 0200; // 4835 louder but in more QRN.
Mahualá, 3360 5/10 0211+ w/KITY QRN, marimba, 0227 good ID & 0232 full ID w/call
Mellberg, Hawarden LA) LV de Guat, 9760, 15/9 1146 usual marimba mx, ID (Jack Jones
UB hrd on 30450 6/10 0035, continuous mx for 20 min; ID 0030 in EG as "V of 7DA
in LA"; only gave SW fq 6090 of which this is 5th harmonic. Gave addr & asked re-
strong sig and 6090 not hrd; no other multiples hrd (Mitch Sams, AR) Nice catch, a
performance of harmonizing when 5960v was activated? (gh) 6090 nightly since 27/
0315+ w/SP rel pgms, full EG ID 0058 w/POB 51-C addr, EZL mx; fair in eve in 49m
out 12180 where first hrd regularly puts in healthy sig for all good Christians (Ter-
ger, FL, DXSF) After several failures in QSLing Union Radio, I sent a report to AWR
Washington DC and after 15 months finally got QSL thru Mr Tulio R Haylock of AWR (Povsic,
addr, see May LN-18 (gh))
RENCH FR3 5055 s/off w/full ID in FR & La Marseillaise to 0109* (G Darling, DSWCI)
Carib mx agcy CANA reported from Georgetown 11/10 that stixpeople hadn't been able
EC past month since SW had been off air. Corp said efforts to make some parts local
met w/little success because of scarcity of raw materials and parts ordered from
had not yet arrived (WBI 14/10)
new DB2 registrations show 100 kW at Port-au-Prince on 9545 2300-0200 ENAm, 11805
00 ENAm/Cam; 9690 2300-0200 ENAm; no other details (Bob Padula, ADRN) LV du Peuple,
10 1037-1043 mx, ID, more mx all of which has been in SP; 2 x 1475½ (Chuck Bolland,
Citadelle, 6154 4/10 2036-2145 FR, considerable fading but portions audible w/mx;
44 seemed nx, then mx, ads, poor (ibid.) 6155, xint level 1159+, clear ID 23/8; 18/
relay R Nationale w/many IDs, world mx in FR; recorded TCs in EG 1200:30 & 1200:45
the seconds (Steve Reinstein, FL, DXSF) See also unID section, 24624.5 (gh) QSL
rd from R Citadelle, 6155. Believe it or not, report was mailed to Haiti and QSL
marked Bronx NY w/Haitian stamp, from Ms Rosie Eugene, 610 W 141st St, No. SA, NY
1. Might try it if you get no response from Haiti; addr for v/s, Mr Emmanuel C. Eu-
ir., is given as Rue 16A, Cap-Haitien (Povsic, DXSF) Rachel & Mardy Picazo of 4VEH
recently touring the US w/slide show of 4VEH & Haiti; appearing at churches (Conrad)
LV de la Costa, 2440 kHz, 15/9 0040 IDs in passing, 2 x 1220, lots of QRN, poor
arks, FL, DXSF) 6000 kHz stn hrd again 21/9 0258 US pop mx, LA mx, ads, ments Teguci,
ro Sula. VOA QRN awful. If they were upright, trueblue, god-fearing folks like oth-
r, they'd be on early AM when VOA goes; 322 (Jack Jones, MS) El Eco de Honduras,
9/9 0141-0225, US pop, R Variedades IDs; 0210: "desde Tegucigalpa, Variedades R.,
banda media enlazada con HRP1, El Eco de Honduras en SPS, 6000 kHz, banda de 49
corta. Cadena Zeta--la nueva comunicación al red nacional" (David Crawford, DXSF)
mid-Sept Update as R Radiópolis is actually IDing as R Variedades, with AM in Te-
M & SW in SPS, Teguci postal addr. Since SW is 6000 kHz it bears watching--history
fq does not encourage me to believe it's commercial opn. So far, all pgms hrd are
ad-canned mx, piped-in sportscasts. 0400*v w/long patriotic exhortation to accom-
of 'El Condor Pass', then NA, G around 0200 (Bob Rankin, KS, 23/9) Also IDs hrd
1, R Cadena Zeta (or an acronym Cata? otherwise it would mean 'Mushroom Network')
forget Zeta sounds the same in SP, the letter Z -gh] FM maybe given as 101.3. Stn
off air several days; I hrd local evs 22-25/9 and was listening 25/9 0302 when
opped off air; still missing as of 0300 3/10. If old CIA xmtr, probably contains
old, dried-out electrolytic capacitors and other components that will give trouble
ile; nothing political hrd besides s/off (Rankin, 2/10) El Eco de Honduras was ac-
mid-1950s on 5995, but present 6000 stn is more likely former R Swan xmtr (Behr)
Rikisúvarpió noted on 13797.5 w/IC talks 1845-1900 in AM. G strength, must be
his way; better than I ever hrd it in US (REW/SA, 12/10)
Asian Games to be held in New Delhi 19/11-4/12; AIR has elaborate plans to cover, in-
games nx at 1346, 1846, 2016, 2111, 2316, 1016 on usual GOS channels. And all re-
S xmtrs will operate 0430-1630, changing to lower fqs between 1130 and 1215, i.e.
49, 41, 31m, then on 90 and 60. Addl hook-up channels on 16, 19, 25, 31, 41, 49
us times. AIR has no immediate plan for NAM svc, but expects improved reception
missioning of two 500 kW and two 250 kW SW xmtrs. The new 10 kW xmtr at Aizawl
vated in less than a month after being shipped from Delhi. Sked is 5050 0030-0200
530/1735; 7295 0215-0345, 0800-1000, 1130-1215 (Alok Das Gupta, Calcutta) AIR on
1055 in EG, poor; fq not listed anywhere (Arne Nevback, [Outback] NT, DX Post)
to set up 4 hi power SW xmtrs so AIR Calcutta, Delhi, Bombay, Madras can be hrd
parts of country; medium power xmtrs there since 1939 not sufficient now (Bindu
Asian DX Review July-Aug) AIR hrd on 11620 2000, best ever, vy strong and extrem

ly intelligible (Tony Pavick, Latrobe PA) Bombay at 0130 listed for 7265 is actually on 7260, 0139 18/9 subcont mx // 9525, severe GCI from unID -0200 (Bob Hill, CA)

INDONESIA RRI Bukittinggi now on 4910 // 3232, Islamic chants 1123. RRI Padang 5553 at 1200 -apparently ex-6812 (Craig Seager, Bathurst NSW, RA DK 19/9) RRI Palangkaraya new sked is 2155-0200 3325, 10 kW Harris xmt, 0355-0700 4920 1 kW TGA; 0355-0700 3905 5 kW Gates, 0755-1515 3325 10 kW Harris. RRI Manokwari W. 1930-2400, 0230-0615, 0730-1400; weekends 2200-0615, 0730-1400 all on 6185, 0.5 kW Redifon actually on 6189, and 3427, 1 kW Philips (Craig Seager, ADRN) RRPD T2 Poso, Sulawesi, reappeared on 3524 after several yrs: Indo ID 1445* 27/8, formerly better hrd on harmonic 7047/50 but not hrd now. RRPD T2 Laru, Palopo, Sulawesi, 3655 ID 1503*, first discovered by JP DXers on 4445 some months ago. RRI Bogor, W Java, 3960 IN versions of western pops, ID 1540 18/9; had disappeared from SW 5 yrs ago, seems undaily, only hrd after RRI Palu s/off co-channel 1525 (Robert Yeo, Vic., Oct ADRN) RRI Bogor hrd on new 3960 c 2300, G in S Africa (Vashek Kofinek, AWR DK 29/8 via DSWCI) RRI Palu, 3960, reported off, but I find it on the like so many Indos occly off; 1140-1400; RRI Padang, reported in 6805-13 area, noted daily in Sept as normal on 4002.7, 1217-1411; and RRPD Tanah Laut, hrd on 6980v 1207-1400+, 2 x 3490, typical talk & mx, usually slightly stronger than 3490 until it peaks c 1330. RRPD T2 Banyuwangi on 3502, has two piano IS & gongs 1400, //other Javans (James W Young, Wrightwood CA) Newspaper 'Kompas' quoted Dir for R in Info Dept 9/9 that govt is building two 250 kW xmt, one in Padang Cermin (30 km from Medan) and for westerly beaming; other in Cimanggis (nr Jakarta) for E Indonesia & Australia; French-made eqp (WBI 23/9)

IRAN Off regular channel 9022, quite clear on 8978 0030 1910 in Persian // 15084, definite ID; why leave 9022? No QRM exc occl SSB nearby (Robert J Lewallyn, Conyers GA) VOIRI on 3778.5 Qur'an recitations and religious poetry in Farsi & Arabic 14/10 1430 (REW/SA 20/10) VLRI expanded target of AR ES: 28/9 1730-2030 added 15084 which had been DS in Persian; this is for NAF; Later AR 2230-2330 on 15084 9765 9022 is for Am/Eu/NAF. Since 23/9, VOIRI AR ES hrd 1300-1615 apx on 15475-fq tradly used by Egypt for V of Arabs & Palestine svc. And since 23/9, BSKSA AR DS obs on Iran fq 15315 15084 7215 (WBI 30/9) VOIRI ES: EG on M MW 765 kHz 0100-0200 & 1330-1430 for India & Pak. (WBI 7/10) Persian lang "Publication of J the Union of the Councils of Muslim Students Abroad" (supportive of the Mojahedin-e Khalq) P 17/9 referred to statement by MEK that in the week before 23/8 it had destroyed five sets of jamming eqp in the Lavizan garrison (in Tehran). Documents captured then allegedly showed that the regime intended to spend 'astronomical amounts to set up more powerful jamming eqp'. Also, an installation at Kahrizak and "the xmt at the R&TV Centre, apparently at Jam-e Jam" [sic:] were also used to jam bcs of the VOMEX. Also had copies of documents saying not to use a 10 kW xmt to jam since it was ineffective, while another said to use it against 'foreign radios' tfn (WBI 21/10)

TUNISIA RB VOM svc and winter time from 1/10, GMT+3 (WBI 30/9) Tunisian radio reported 17/10 that it had been agreed to move 'V of Palestine R' to Baghdad; AFP reported 17/10 from Amman that PLO staff from former Leb stn had left for Baghdad following Iraqi OK (WBI 21/10)

IRELAND Westside R running Sun morn tests w/40 watts on 11463 from 0500, probably now 0600, C for trans-Atlantic reception (John Campbell, RNNM 21/10)

JAPAN SSB tests have been quite successful. D82 to Nam 2345-2445 17825 15300 ex-21610. E Gen svc via Sines 0700-0730 15270 or 15190 [contradictory listings], 2200-2230 9630 (gh) [Cf Oct LN-19], gh's corruption of "baseball" embarrasses for lack of macrons: b̄sub̄ōru

JIBUTI [Cf Oct LN-19 MALI] Yes, I do have digital readout: suspected Djibouti / (Sharman) was hrd 4780-4781.5; Mali was 4782-4783.2 (Marge Witte, CA)

KOREA NORTH R Pyongyang 1000-1050 KR, 1100-1250 SP on 9700 + oldies (WBI 9/9)

KUWAIT KK AR to Eu 0815+ on new 21675 & 15190; 1000 both relay DS nx; but at 1108 15190 stays w/DS, 21675 reverts to AR to Eu (WBI 16/9) AR 21775 1320 //15495 17650 (Büschel GFR)

LEBANON R Leb DS in AR now again on 9545 & 5980; V of Leb 6550 (WBI 9/9) 9545 & 5980 at 0355-2205; 6550 0410-2125. V of Hope 6215 0400-2310 apx (WBI 23/9) 0650 21/9 stn on 7560 w/Leb AR songs, following days 1000-1200 & 1800-1900, no IDs given; last hrd 27/9 0600-0655 (WBI 30/9) R Beirut active on 9545.4, ID "Idhaat ul Lubaniya", AR nx 1300 (REW/SA)

LINER SPLAJOBS EG 11815 moved at hour Later to 2230 start since 1/10 (gh)

MALIA DPA reports DW hoped for amicable settlement over relay stn, but still no go as of P 8/10 causing DW operating difficulties & deteriorated reception (WBI 14/10)

NAMIBIA R RSA reported 9/9 that SABC is giving SWABC nearly 6.5 mega\$ to improve R (WBI 16/9)

NEW ZEALAND RNZ D82 started 31/10, same as S82 except shifted one hour earlier (gh)

NICARAGUA Survey of R Zinica shows mainly in SP 1100-0500 6120; relays R Sandino nx 1200-1300 Mon-Sat, 0000-0030. Mx w/EG annts 1730-1800; Miskito Fri 2030-2100; //1090 (WBI 23/9)

NIGERIA VON reported 26/9 the new PRGN HQ in Abaja would occupy 7.5 ha, 20 storey bldg; P present R Nigeria Lagos to be converted to R Nig Abuja; entire staff housed at HQ for SW pgms to entire country; VON ES also to be accommodated in Abuja complex (WBI 30/9)

OMAN R Oman now hrd on 9735, AR 8/9 -0800; 0850 EG w/nx 0900 & 1030, pgm pws 1000 & 1057, E reverting to AR 1100' (WBI 16/9) R Australia relay by BBC Masrah--see AUSTRALIA

PAPUA NEW GUINEA NBC Radio 1, Port Moresby registered w/ITU 2200-0700 on 9575 9520 6140 6080 6040 5985; some may carry prov pgms; 4890 thruout, 3925 1927-2229, 0729-1400. Some L pgms during Nam window: 0659 Sun fq annt, 0700-0703 M-F nx summary, 0729 M-F fq annt, 0759 ditto; 0800-0810 M-F Natl Nx; Sun Nx Pidgin & Motu; 0845 M-F nx heads, 0900-0910 Natl Nx, 0910-0930 M-F Current affairs pgm, 1000-1020 M-F Nx in Pidgin & Motu, 1100-1105 (Sat/Sun to 1110) Natl Nx, 1200-1205 M-F Natl Nx, 1300-1305 M-F Nx review, Sun Natl Nx (WBI 16/9)

PERU R Havana reported 8/9 that a group of armed men destroyed R Ayacucho; quoting Peruvian newspaper La Tercera, said soldiers guarding stn fled when saw large number of armed men who launched attack (WBI 23/9) WRTH listed on 3220 (gh) Per AFP 15/9, members of 'Shining Path' extremist group captured stn in Huanta: broke into R Esperanza de los Andes, forced mgr to bc msg calling for armed struggle & threatening police w/vengeance for death of comrades (WBI 23/9) AFP reported group of armed terrorists took over R Andina in Huancaya [sic] 1/10, forced ops to bc proclamation then and repeat few hrs later after terrorists' departure due to threat to blow up stn if not done (WBI 7/10) 4996 (gh) R Nacional reported 6/10 that W Germany had donated 1.3 gigasoles worth of eqp, to rise to 2.6 gigasoles in next few years for radio net project including MW & SW xmtrs at Lima and 8 regional stns in Piura, Arequipa, Cajamarca, Huaral, Huancayo, Iquitos, Pucallpa [sic] (WBI 14/10)

E POLAND Nam 1130-1210 EG, 1210-1230 PL hrd on 9675 // 11840 9525 (WBI 16/9) contrary to sked **SAUDI ARABIA** [see IRAM] Until recently BSKSA covered 17930 and 15450 fqs of Libya; now it's on Iran fqs 15315 15084 7215; 15315 VIRI ancs as for Saudi Arabia (WBI 30/9) BSKSA to start 2nd pgm 28/10 from Jiddah 0300-2100, popular in daytime, serious at night. Existing Genl Pgm would remain from Riyad 0300-2300 but w/many new pgms; Holy Koran svc would bc 0300-2100 from Riyad; ES in 9 langs still from Jiddah, but EG & FR pgms would move to Riyad studios (WBI 14/10) EG 1100-1248 consistently 11850 tho 11855 ancd (REV/SA 12/10)

SRI LANKA SLBC has new stock of QSLs printed, so have a go! (Victor Goonetilleke, UADR) Q DX pgm RMI annual DX contest runs 7/11-14/11--basically, log as many different DX pgms as X possible; details in Oct RIB or on the air Sun 1100-1130 11835 15120 17850 (AWR Asia)

SWAZILAND [Cf Oct LN-24] Missing fq was 6155, but R SR s/on now covered by WRNO (R Howard)

SWITZERLAND [Cf Oct LN-13] Possible relay agreement between RCI & SRI is in very early P stages; nothing definite yet, only a feasibility study so far (Ian McFarland, RCI)

UGANDA R Ug reported the Deputy Minister of Info & BCing 28/9 that plans were underway to P reactive regional bc stns, neglected by Amin regime (WBI 7/10)

U S S R RWS reported it would resume Russian by Radio pgms 3/10; two courses, one for beginners, and more advanced 'What's the Russian for That?', Suns 0030, 0430, 0830, 1730, 2130, Mons 1230 (after nx heads) (WBI 16/9) RSP&P to Af exchanged EG & FR 1/10 so that FR E now 1800-1830, EG 1500-1530 (WBI 7/10) R Tashkent switched to winter fqs 1/10: EG 1200-1230 & 1400-1430 now 11785 9600 9540 6025 5945 (gh, RIB)

U K O G B A N I 9-min BBC 'Waveguide' at new times offers info on other stns [we dare not X call it DX news!] from Richard Measham who happens to work at BBCMS on the first pgm of L each month; in Oct it amounted to scarcely 3 mins. Nov on BBC: 'The Roosevelt Legacy' 7th 1830, 8th 1345, 12th 0230, 'Just A Minute' zany panel game from 20th, Sat 1030, Sun 0330, Mon 1715. 15-part serial 'The Belton Estate' by Trollope from 8th, Mons 0430, Tues 0815, Weds 2315, 'African Theatre' from 21st, Suns 0830, 1500, 1715 on alt fqs. For BBC's Jubilee a Concert including new overture 'London Calling' by David Cox, 24th 1900, 26th at 0030, 'Elisabeth Söderström' 6-part series from 6th, Sats 2030, Mons 0100, Fris 1330 (gh) Waveguide 19/10 ancd that from 31/10 BBCWS 0030-0330 would move from 9505 to 9515 [this is the Greenville relay for Cam] oblivious of WRNO there -0200 & ORF 0200- (gh)

U S A WRNO tent. D82: 1800-2000 17895, 2000-2200 15355, 2200-2400 11890, 0000-0200 11965, 0200-0500 6155. Sun only 0500-0800 6155, 0800-1200 6145, 1200-1400 9715, 1400-1600 11940, 1600-1800 15140. However, this was planned before WRNO shifted to 9515 at 2330-0200 w/ 11890 extended to 2330 for S82, and 9515 or another 9 MHz fq might be used in the 2200/ X 0200 period in D82. This affects the Sun 2330 repeat of 'World of Radio' (gh) KGEI tent D82 ITU registrations include new USSR svc: 6145 1330-1430, 6100 0930-1200, 6000 0400-0600, 5980 1230-1330, 5975 0230-0400 (ADXX) ! co-channel BBCWS (gh) UN Radio, currently E M-F/Tu-Sa rather than F/Sa only, retimed most EG xmsns in Sept: 1830-1840 & 1930-2000 on 21710 20060 18782 15360 15120. 2100-2130 17730 15120. 0215-0230 15752 15435 10869 6035. 0545-0600 15105 11740. 0710-0715 17815 15195 15120 11740. 0800-0815 17860 15235 15120 11740. 1015-1030(Sat 1045) 15250 13860 9565 (Oct RIB)/Following full of errors! (IU & GVG):

VIETNAM Viet R & TV Commission, VOV DS, Hanoi: 10060 7418 6450 at 2155-0100, 0400-0615, 0900-1530; Sun also at 0100-0400, 0800-0900. Regional svcs: Hanoi City 7987 6850 2330-0045, 0500-0545, 1000-1045, 1200-1230. Bae [sic] Thai 6618 0330-0530, 1130-1330. Cao Bang 6528 2330-0030, 0200-0400, 1100-1400. Dac Lac 4213 1030-1245. Gia Lai-Cong Tum 4687 1030-1300. Ha Tyen 4820 2330-0100, 1000-1400. Hoang Lien Son 6510 2330-2400, 1100-1300. Lai Chau 6245 1030-1300. Son La 6330 4770 0300-0500, 1200-1400. Thanh Hoa 4885 2330-2400, 1030-1100. UNID stn 5612 2330-2430 //Cao Bang 6528; 1115-1300. Another UNID 6588 1100-1430 (WBI 30/9) Hanoi svc also hrd on 7020, ID "Daay laf daif phats thanh Hanoi" [sic--typos or dialect?]; local pgms 0000-0045, 0500-0545, 1000-1045, 1200-1245

ZAMBIA ZBS reported 18/10 that Pres toured new JP-built mass-media complex in (WBI 14/10) Lusaka in advance of offl opening tomorrow; to house ZBS, nx agcy, info-svc (WBI 21/10)

ZANZIBAR RTZ reported that Tanz amb to China conferred 9/10 w/Zan MinfoBCTV on Chinese-financed installation of radio eqp; amb then visited site at Dole to see progress of work expected to be completed within 2 yrs (WBI 14/10)

ZIMBABWE ZBC reported 28/9 that R Four would start 4/10 0700 w/8h adl pgms daily on VHF/FM P and SW (?when/until?) all 11 xmtrs imported for svc installed; then would be on FM [only?] --major purpose to promote adult literacy; remain on air to 1830 (WBI 30/9) 0700-1830

E since 4/10 on 7330 in EG/Shona/Wdebele; dir is R Ned Afro-Scene producer (Gibney, RNNM)

IMPORTANT NOTE Out of space; Much material omitted here starting w/IRAQ appears in November RIB instead. Non-subscribers urged to order a copy from gh: \$1.25 NAM, \$2 US overseas. 73.

QSL REPORTS



Sam Barto
489 King Street
Bristol, CT 06010



- AFGHANISTAN:** Radio Afghanistan 15077 f/d "Mahipar Pass" cd. in 29 ds. for 2 IRCs. (George-NC). f/d "Melon Market" cd. in 59 ds. for 2 IRCs. (Streeter)
- ALBANIA:** Radio Tirana 7300 p/d "Revolutionary Spirit" cd. in 82 ds. (Streeter-NY).
- ANTIGUA:** BBC 9510 prepared cd. in 20 ds. (Foxyx-VA).
- ARGENTINA:** RAB 9690 n/d "Logo" cd. w/ very friendly ltr. from Roxana Largai and Julio Lagos in 7 wks. Rubber stamp on the envelope reads: "Las Malvinas / Fueoron, Son y Seran Argentinas". (Matthews-CH). 6060 cd. in 3 wks. for a SP rpt. (Bishop-PA).
- ASCENSION ISLAND:** BBC 11840 n/d cd. but site was indicated in 79 ds. for as v/s Ned Abell, Presentations Officer. (Stephany-NY)....was this cd. rcvd. direct from the Island? 15260, 11860, 17885, 15400, 17705 and 9600 several n/d cds. in @ 1 mo. (Barto-CT). VOA 17830 f/d "Golden Gate Bridge" cd. in 30 ds. (Johnson-TX).
- ASIATIC RUSSIA:** Radio Moscow 12050 and 15405 via Khabarovsk w/ f/d "Tret'yakov Gallery" cd. in 1 mo. (Palmerheim-MN).
- AUSTRALIA:** Radio Australia, Shepparton 17795 f/d "Platypus" cd. in 20 ds. (Mosser-PA). 9580 f/d "Penguin" cd. in 16 ds. v/s Peter Barnett, Director of Overseas Services. (Foxyx-VA). Lyndhurst 5995 cd. in 6 wks. (Gliksman-IL). f/d "Kookaburras" cd. in 27 ds. (Furdum-MI). 11775 cd. in 14 ds. (For
- AUSTRIA:** ORF 11665 f/d "Lungotz in Tennengau" cd. in 2 1/2 mo. (Matthews-OH). 9770 f/d "Tirol" cd. in 5 wks. (Barto-CT). 15560 f/d cd. in 150 ds. w/ sticker. (Foxyx-VA).
- BELGIUM:** BRT 17675 f/d "Modulator" cd. w/ sticker in 2 wks. for 1 IRC which was returned. (Wilkins-CO). 11695 cd. in 34 ds. for 1 IRC. (Mayer-PA).
- BELIZE:** Radio Belize 3285 f/d "Map" cd. in 3 wks. for 2 IRCs. v/s J. Johnson, Chief Broadcasting Engineer. (Witte-CA). cd. in 27 ds. for 2 IRCs. v/s H.I. Bautista. (Foxyx-VA). cd. in 3 wks. (Dickson-OH)...What do our readers think about taking up a collection and purchasing Radio Belize a new QSL card???...Sam.
- BENIN:** La Voix de la Revolution 4870 f/d "Map/Logo" cd. in 13 wks. after a f/up rpt. This was for a FR rpt. and 2 IRCs. (Palmerheim-MN). cd. in 304 ds. for a FR rpt. (Kanopka-NY).
- BOLIVIA:** Radio Abarca 4730 f/d pink cd. in 254 ds. for a SP rpt. and as. v/s Rene Arias P., Director and Rolman Medina M., QSL Manager. Addr: Casilla 58, Riberalta. (Choroszy-ME). same w/ personal ltr. in 18 ds. after a f/up SP rpt. for as. (Wilkins-CO). cd. w/ ltr. in 4 1/2 mo. for a SP rpt. and as. (Wilksner-PA). 4710 cd. w/ ltr. in 4 mo. for a SP rpt. and as. (Loddell-MA). Radio Pampamarca 6105 f/d "Map" cd. in 8 mo. after 2 f/up SP rpts. (Berg-MA)...Thanks again for the letter Jerry. Radio Illimani 6025 f/d form ltr. in 148 ds. for a SP rpt. and 2 IRCs. v/s Mario Ortiz Ortiz. (Palmerheim-MN). in 103 ds. for a SP rpt. ms and 1 IRC. My first Bolivian! (Witte-CA)...We all had to start somewhere...Sam...Congrats!
- BONAIRE:** Radio Nederland 9590 cd. in 11 ds. (Forman-NI). f/d "van Gogh" cd. in 13 ds. w/ pennant. (Foxyx-VA). 11815 f/d cd. of "Antenna Construction Project" in 29 ds. (Foxyx-VA).



1966 QSL

RADIO TAHITI Don Rosner

BRASIL: Radio Nacional Rio de Janeiro 9705 My rpt. was forwarded by the station to Brasilia who sent me the usual does not answer ltr. Is this a QSL. (Gliksmann-IL)...Afraid not!!!
Radio Nacional do Brasil 15290 f/d "Pigeons" cd. in 3rd mo. (Roser-PA). 17830 cd. w/ sticker in 123 ds. for 2 IRCs. (Hitsman-IA). Radio Cultura da Bahia 9595 p/d ltr. in 38 ds. for a PT rpt. and ms. (George-NC). Radio Inconfidencia 6000 f/d "View of Belo Horizonte" cd. in 58 ds. for a PT rpt. and 1 IRC. v/s Eugenio Silva. (Palmerheim-MN). Radio Jornal do Brasil 4875 f/d bilingual cd. in 15 ds. for a PT rpt. (Bishop-PA). Radio Cultura Sao Paulo 17815 p/d personal ltr. w/ photo in 50 ds. for a PT rpt. and 1 IRC. v/s Olimpia Jose Franco, Coordenador de Engenharia. (Palmerheim-MN).

BULGARIA: Radio Sofia 11750 "Nessebar" cd. in 31 ds. for 2 IRCs. (Hitsman).
BURMA: Burma Broadcasting Service 5985 f/d cd. in 19 mo. after a total of 3 f/up rpts. (Berg-MA)...Nice Jerry!
CAMEROON: Radio Bafousses 4000 n/d ltr. in 17 mo. for a PT rpt. and ms. This was 2 mo. after a f/up rpt. (Lazarus).
CANADA: Radio Canada International 5960 f/d "Canada Council" cd. w/ pennant & sticker in 43 ds. (George-NC). 11955 cd. in 42 ds. w/ sticker. (Purdum-MI). CFRX 6070 f/d "Boat" cd. in 18 ds. (Poxx-VA). same in 9 ds. (Reinecker-PA). CBCNQS 6195 n/d "Eskimo" cd. in 13 ds. w/ pennant and sticker. (Palmerheim-MN). CHNX 6130 f/d "Greetings from Nova Scotia" cd. in 22 ds. (D'Angelo-PA). CHU 3330 f/d "Sir Sanford Fleming" cd. in 23 ds. (Streeter-NY). same in 3 wks. (Gliksmann-IL). CFVP 6030 "Calgary" cd. in 2 wks. w/ sticker. 100 watts! (Kirkland-ONT).

CANARY ISLANDS: Radio Nacional de Espana en Canarias rovd. a very nice hand written ltr. from Conchita Ruis who produces the program for the Americas. Few wks. later I rovd. a regular REE cd. plus a typed cd. w/ "Centro Emisor del Atlantico" imprint. (Berg-MA).

CHINA: Radio Peking 17680 f/d "Great Wall" cd. in 44 ds. (Poxx-VA). 17855 cd. w/ Panda pennant in 1 mo. (Johnson-TX).
 * Heilongjiang PBS 5950 f/d "Heavenly Gate" cd. rovd. via Peking in 1 mo. (Johnson-TX).
 * Guizhou PBS 7275 f/d cd. in 1 mo. rovd. via Peking. (Gliksmann-IL).
 * Xingjiang PBS 7385 cd. rovd. via Peking in 1 mo. (Palmerheim-MN).
 * Nei Mongol PBS 7105 f/d "Peking Park" cd. rovd. via Peking in 1 mo. (Johnson-TX).
BEH 15000 f/d cd. in 5 mo. for 2 IRCs. v/s Yang Hwai-xa. (Fisher-MA).
COLOMBIA: Radio Guarani 4815 n/d personal ltr. in 16/ ds. for a SP rpt. and ms. v/s Sara Emilia Ballestas C. Corresponsal. (George-NC).

RADIO KOREA



Several different color versions of this pennant have been received at this end...Sam.

RADIO **KBS** KOREA
 라디오한국

This is an extremely colorful sticker!



RADIO RSA

The Voice of South Africa



COLOMBIA: Radio Guaranuri 4815 n/d personal ltr. in 192 ds. for a SP rpt. and 2 IRCs. New Addr: Calle 17, no. 15-67. (Palmerheim-MN).

Radio Super de Bogota 5065 f/d white cd. in 8 mo after 2 f/up rpts. (Berg-MA). Radio Surcolombiana 5010 f/d ltr. in 16 ds. for a SP rpt. and ms. v/s Capitan Luis Carlos Mosquera, Gerente. (Streeter-NY).

CONGO: Radio Television Congolaise 15190 f/d form ltr. in 204 ds. for a FR rpt. and ms. (not used). (Buer-FL).

COSTA RICA: Radio Rolo 4832 p/d cd. in 485 ds. for a SP rpt. and ms. (Kanopka-NY)
CUBA: Radio Habana Cuba 11760 f/d "Castillo del Morro" cd. (Kanopka-NY) in 205 ds. (Stephany-NY). cd. in 112 ds. (Foxx-VA). 11930 cd. in 223 ds. (Forman-NY). "Napoleon Museum" cd. in 66 ds. (Hitsman-IA). 9525 "Colony Motel" cd. in 66 ds. (Hitsman-IA). 15155 cd. in 42 ds. for 2 IRCs. v/s Maria Montero Triana, Head of Correspondence Dept. (Bryant-OK).

CYPRUS: BBC Limassol, nice ltr. w/ pennant note v/s K. R. Lemmon, Engineer in Charge. All in 6 wks. (Berg-MA).

CZECHOSLOVAKIA: Radio Praga 11990 p/d cd. in 55 ds. (Palmerheim-MN). f/d cd. in 120 ds. (Hitsman-IA).

ECUADOR: HCBT, Pifo 9745 f/d "Spider Flower" cd. in 43 ds. v/s Thomas D. Fulham, Director of Communications. (Foxx-VA). 15155 "Cleome Spinosa" cd. in 82 ds. (Tekulve-OH). 21480 f/d "San Francisco Complex Garden" cd. in 92 ds. (Park-HI). 6130 f/d "10th Anniversary" cd. in 17 ds. for an SAS SASE. v/s John Trautschold SPEEDX. (Park-HI). Radiodifusora Paz y Bien 4820 f/d cd. in 169 ds. for a SP rpt. and ms. v/s Enrique Pesantez G., Gerente. Also recvd. a 28th Anniversary pennant. (Streeter-NY). f/d cd. in 48 ds. for a SP rpt. and ms. Pennant recvd. (Stephany-NY). HD210A 3810 p/d "Sundial" cd. in 45 ds. for a SP rpt. and ms. Pennant and sticker recvd. (Stephany-NY). Radio Zaracuy 3395 ltr. w/ red and gold pennant in 5 mo. (Berg-MA). Radio Jesus del Gran Poder 5050 ltr. w/ pennant in 9 mo. for a SP rpt. after 3 f/up rpts. v/s R.F. Jorge Enriques Silva, Director. (Berg-MA). Radio Continente del Sur 4890 long personal ltr. w/ prepared cd. in 9 mo. after 3 f/up rpts. v/s Miguel A. Jaramillo Velez. (Berg-MA)

EGYPT: Radio Cairo 12000 f/d "Mosque" cd. in 135 ds. for 1 IRC. (Hosmer-MI).
EL SALVADOR: Radio Venceremos f/d "Solidarity against Imperialist Interference" cd. w/ booklet in 1 no. for an EG rpt. which was sent to the



RADIO RSA

The Voice of South Africa

"Zululand - White Rhino in the Countryside"



GHANA BROADCASTING CORPORATION
 P.O. BOX 1633
 ACCRA, GHANA

Dear Sir/Madam,

Sent to the Column by Don Hosmer

Thank you for your reception report of our transmission(s)

on 11800 kc/s heard at 2050-2102

G.M.T. on 12:7:65

We have pleasure in verifying your report which is much appreciated.

Date 18:18:65
PE/1265/2239



Don Hosmer
 for Director of Broadcasting

Mexican address
 Envelope Addr:
 Apdo. Postal
 2363, TELCOR
 "Los Escombros"
 Managua, Nicr.
 (Bishop-PA).
ENGLAND: VOA 9760
 Wofferton cd.
 in 13 ds. (Tekulve-OH). BBC
 9510 n/d cd. in
 2 mo. (Barto).

ENGLAND: BBC recvd. a special "BBC Servicio Latinoamericano" cd. w/ f/d on the back v/s D. Valenzuela, Jefe de Programas. (Berg).

ETHIOPIA: Radio Freedom 9595 via Voice of Revolutionary Ethiopia folder, cd., personal ltr. w/ 4 different stickers in 94 ds. for 1 IRC. v/s Vusi Mdlalose. (Warner-UK).

EUROPEAN RUSSIA: Radio Moscow 9785 via Armayir f/d cd. in 7 wks. (Glikman-IL). Voronesh 15295 cd. in 35 ds. (George-NC). Moosov 9490 f/d cd. in 40 ds. (Choroszy-ME).

FEDERAL REPUBLIC OF GERMANY: Deutsche Hells 6100 cd. in 2 mo. (Barto) Radio Liberty 21745 cd. in 13 ds. (Barto-CT).

GEORGIAN SSR: Radio Moscow 15500 via Thilisi f/d cd. in 30 ds. (George-NC). f/d cd. in 55 ds. (Palmerheim-MN).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 9770 f/d "Rostok" cd. in 59 ds. w/ pennant. (Foxy-VA). 11975 same cd. in 70 ds. (Reinstein-FL). "Bild und Heimert" cd. in 63 ds. (name?) "Winter Landscape" cd. 43 ds. (Tekulve-OH). 21465 "Bulgarian Still Life" cd. in 20 ds. (Tekulve-OH).

GREECE: Voice of Greece 9865 f/d "Myconos" cd. in 40 ds. (Foxy-VA). f/d "Rhodes" cd. in 77 ds. (Mayer-PA). 15595 "Chios" cd. in 97 ds. (Streeter-NY). Radio Stathmos Makedonias 15050 f/d "Cephalonia" cd. in 24 ds. for 1 IRC. (Wilkins-CO). f/d "ERT" cd. in 2 mo. for 2 IRCs. (Lazarus-LA). 15040 and 15050 same in 27 ds. for 1 IRC. (Choroszy-ME).

GUYANA: GBC 5950 f/d form ltr. in 37 wks. for ms. v/s L.R.E. Case, Chief Engineer. (Wilkins-CO). same in 42 ds. for 2 IRCs. v/s J. Lam. (Stephany-NY).

HAWAII: WNVH 15000 p/d cd. in 2 wks. (Hosmer-MI).

HONDURAS: Radio Lux 4890 f/d personal ltr. in 24 ds. for a SF rpt. and ms. v/s Jaime Reinal Espinoza. (Wilkins-CO).

HUNGARY: Radio Budapest 11710 f/d cd. in 29 ds. w/ Rubik's Cube contest entry form. (Foxy-VA). 17710 f/d "Hurricane" cd. in 70 ds. (Park-HI).

ISRAEL: IBA 17630 f/d "Map" cd. in 147 ds. (Foxy-VA).

ITALY: RAI 11800 f/d "G. Garibaldi" cd. in 52 ds. (Foxy-VA). 9575 cd. in 87 ds. (Stephany-NY). same in 76 ds. for 2 IRCs. (Mayer-PA). cd. in 85 ds. for 1 IRC. (Luke-OH). 9575 and 11800 cds. in 86 ds. (Palmerheim-MN). Radio Pace ltr. in EG from Tim Holme w/ beautiful sticker in 3 mo. after a f/up rpt. (Berg-MA).

JAPAN: Radio Japan 21610 and 17755 p/d "Kokeshi Dolls" and "Buddha" cds. in 27 ds. (Choroszy-ME). 21610 "Kasuga Shrine" cd. in 45 ds. (Clifford-PRG). p/d "Wisteria Flowers" cd. in 7 wks. (Barto-CT). 17825 cd. in 21 ds. (Wilkins-CO). NSR 3925 f/d "News Today" cd. in 19 ds. for 1 IRC. v/s H. Misu. (Palmerheim-MN).

KOREA, REPUBLIC OF: Radio Korea 9870 f/d "Rose of Sharon" cd. in 26 ds. for 1 IRC. v/s Park Shin-Young. (Foxy-VA). 9570 f/d "Sports Complex" cd. in 20 ds. w/ sticker. v/s Chae Hong-Pyo. (Palmerheim-MN).

Voice of Asia
via Ron Howard
亞洲之聲



621KHZ
MW483m

5980MHZ
SW50m

THIS VERIFIES YOUR REPORT OF.

ON: 11.640

TIME: 10:51 PM

**RADIO NEW YORK
WORLDWIDE**

INTERNATIONAL STATION WRUL 4 WEST 58 ST., NEW YORK 19, N.Y., USA

ISSUED TO:

Mark Husmer

f/d cd. in 3 wks. (Bishop).

KUWAIT: Radio Kuwait 15495 f/d folder cd. in 6 wks. (Barto-CT). 11675 f/d cd. in 42 ds. (D'Angelo-PA).

LEBANON: Voice of Hope 6215 f/d "Star of David and Tower" cd. in 10 ds. (Hun-iwell-NJ).



ATTENTION SIGNERS: Radio Iris 3380 Antonio J. Mar-Subgerente. Radio El Salvador 9555 Carlos Al-Melendez, Director. MFS 10000 B.R. Swabey. Radio 4800 Hyderabad O.P. Khushu. Radio 4911 Peter Musuba. Radio Nacional de Angola Igual Da C. Bras, Department Chief. Radio Mar- 575 Lettara Robertson Da Silva Cardoso. CRE Julieta M. de Ocamna. Cross River Radio 6145 Ekpo, General Manager. Radio Kwara 7145 H.O. Engineer in Charge. Radio Atlantida 4790 Honorio Matute, Administrator. Radio Tacna 9485 Sares C., SubGerente. La Voz de La Selva 4825 Arevalo, Gerente. Radio Illimani 6025 Mario Ortiz, Director General. Radio San Miguel 3310 Vaca La Torre, Director. Radio Grigota 4833 Jacqueline Arteaga B. Radio Guaiaba 11785 Werner Radio Cultura da Bahia 9595 Djalma Costa Lino. Bertoua 4750 James Dachanyi Fontem. Radio 5977 Lidice Rodriguez de Traversi. Radio Maria 4760 Tomas Zevallos Cabello.

Qatar Broadcasting Service 17910 f/d p cd. in 34 ds. for 2 IRCs. v/s Jass-Mohammed Al-Qattan. (Wilkins-CO).
IA: Radio Bucharest 11940 f/d "Spring" in 144 ds. (Palmerhelm-MN). f/d "Gart Harbour" cd. in 97 ds. (Streeter-NY).
 e in 100 ds. for 2 IRCs. (Hitsman-IA).
 55 same cd. in 100 ds. (Foxy-VA).
Deutsche Welle 17800 f/d "EDXC Contest" cd. in 112 ds. (Lare-MI).

Radio Nacional 4807 f/d ltr. in 1 yr. after 2 rpts. v/s Antonia Sebastiana who stated that the station had no envelopes. QSL was rcvd. wrapped in a little of paper! Add "Av. Marginal 12 ds Julho" to Addr. (Berg-MA).
Radiofusion TV du Senegal 7210 f/d "Logo" cd. in 191 ds. for a rpt. and ms. (Reinstein-FL).
FEBA 15385 n/d "Logo/Globe" cd. in 1 mo. for 2 IRCs. (Wilkins-CO)
 200 same cd. w/ usual non-verifying verbiage in 32 ds. (D'Angelo-PA).
LEONE: SLBS 5980 f/d ltr. in 44 ds. v/s H.A. Lynch. (George-NC).
BBC 11730 n/d "Bridge" cd. in 14 ds. (Hosmer-MI).
ON ISLANDS: SIBC 5020 f/d "Logo" cd. in 24 ds. for 3 IRCs. (Wilkner-FL).
AMERICA: Radio RSA 11900 f/d cd. in 247 ds. (Forman-NY). 9615 f/d cd. featuring the "Brown-Hooded Kingfisher" in 23 ds. w/ pennant. (Foxy-VA).

SENDER PRESS BERLIN
 D 1 BERLIN 10
 MARIENHALLER 2-14

SPAIN: Radio Exterior de Espana 11880 "Marineros" cd in 51 ds. (Tekulve-OH). same in 41 ds. for 1 IRC. (Mayer-PA). f/d cd. in 48 ds. (Stephany-NY). in 52 ds. (Hitsman-IA). 9630 cd. in 37 ds. (Forman-NY). f/d "El Greco" cd. in 31 ds. (Foxy-VA).

SRI LANKA: VOA 15250 f/d cd. in 39 ds. C/V #100::: (Clifford-PRG).

SUMATRA: RRI 5886 via Pekanbaru f/d cd. (Coryant)



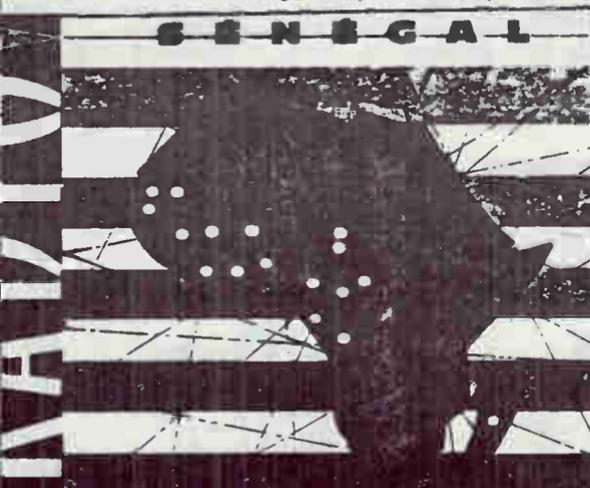
RADIO BANGLADESH

Q S L

This confirms your communication and reception of Radio Bangladesh Short Wave Station listened to on 9-8-77... from..1230.....hrs. to..1300....hrs. GMT on frequency..15520.....kHz

Remarks: ~~Sending coins from....~~
~~Bangladesh is forbidden.....~~

Md. Khalilur Rahman
 (Md. Khalilur Rahman)



SURINAM: Radio Apintie 4995 f/d form ltr. in 89 ds. for ms. v/s E. Vervuurt Blue and white pennant rcvd. (Bryant-OK).

SWITZERLAND: Swiss Radio International 9725 "SRI Building" cd. in 32 ds. (Tekulve-OH). 6135 same cd. in 20 ds. (Foxy-VA). 21570 cd. in 21 ds. for 1 IRC. v/s J. M. Chisholm. (Foxy-VA).

TANGIER: YOA 15205 f/d "Bridge" cd. in 18 ds. (Palmerheim-MN). cd. in 12 ds. (Bryant-OK). cd. in 2 wks. (Luke-OH). cd. in 8 ds. (Dunham-LA). 15245 f/d "40th Anniversary" cd. in 346 ds. for 1 IRC. (Clifford-FRG).

TIBET: Kizang PBS 9490 f/d "Zuglakang Temple" cd. via Peking in 4 mo. for a CH rpt. QSL arrived written in CH. (Wilkins-FL). (Reinstein-FL).

TOGO: Radio Togo 5047 f/d "Map/Logo" cd. in 35 ds. for a FR rpt. and ms.

TURKEY: Voice of Turkey 7155 "Castle" cd. in 1 mo. for 1 IRC. Pennant rcvd.

TURKISH SSR: Radio Moscow 15540 via Ashkhabad f/d cd. in (Streeter-NY). 35 ds. (George-NC).

UGANDA: UBC f/d "Broadcasting House" cd. in 5 mo. v/s David R. Buga. (Berg).

UKRAINE: Radio Kiev 9650 f/d "Birds/Flowers" cd. in 59 ds. (Foxy-VA). 11735 f/d "Kreshchatik Street" cd. in 74 ds. for 1 IRC. (Mayer-PA). Radio Moscow 11720 via Lvov f/d cd. in 35 ds. (George-NC). 15135 via Vinnitsa f/d cd. in 40 ds. (Choroszy-ME).

UNITED ARAB EMIRATES: Dubai Radio and Colour Television 15300 and 17775 f/d "Map/Logo" cd. w/ new pennant in 21 ds. for 3 IRCS. (Pickard-IL). 17775 cd. w/ pennant in 27 ds. for a taped rpt. and 2 IRCS. v/s Mrs. Kay F. Fenner. (Foxy-VA). same cd. w/ pennant in 1 mo. (Palmerheim-MN).

USA: KGEI 9615 f/d cd. in 36 ds. (Hitsman-IA). WRNO 11855 f/d cd. in 39 ds. Addr: P.O. Box 100 70181. (D'Angelo-PA). 9705 cd. in 55 ds. (Forman-NY).
 • 11855 and 9705 2 cds. in 21 ds. (Kanopka-NY). KQSB 7425 f/d ltr. in 3 mo. (Fisher-MA). Voice of Free China via WYER 5985 f/d cd. in 15 ds. w/ tape of oriental music. (Foxy-VA). WYER 21615 f/d cd. in 26 ds. (Clifford-FRG).
 • 15365 f/d "Logo" cd. in 48 ds. (Foxy-VA). Radio Cuba Libre 6990 f/d prepared cd. in 15 ds. for a SP rpt. and ms. Poster and key chain rcvd. The address used was: Movimiento Democrata Cristiano de Cuba, P.O. Box 5577
 • 59, Miami, FL. 33155. (Reinstein-FL). La Voz del CID 5106 f/d prepared cd in 24 ds. for a SP rpt. and ms. v/s Roberto Pontanillas - Roig, Delegado en Venezuela. Addr: P.O. Box 50774, Caracas 1060, Venezuela. (Reinstein-FL). YOA 21840 via Greenville f/d cd. in 22 ds. (Clifford-FRG). 15410 cd. in 12 ds. (Bryant-OK). 9650 f/d cd. in 13 ds. (Tekulve-OH). 21485 via Bethany f/d cd. in 13 ds. (Tekulve-OH). 11865 via Delano f/d cd. in 8 ds.

USSR: Radio Station Peace and Progress 17970 f/d "Logo" (Palmerheim-MN) cd. in 76 ds. (Palmerheim-MN). 15450 f/d cd. in 89 ds. (D'Angelo-PA). 11940 "Red Square" cd. in 21 ds. (Choroszy-ME). Radio Moscow 9600 "Hotel Rossiya" cd. in 47 ds. (Hitsman-IA).

UZBEK: Radio Tashkent 15420 f/d cd. in 43 ds. v/s Nadira Babadjanova, Correspondence Department. (Stephany-NY).

VATICAN: Radio Vatican 6015 f/d "Antenna" cd. in 25 ds. (Streeter-NY). 9605 f/d cd. in 64 ds. for 1 IRC. (Mayer-PA). 11845 cd. in 2 mo. (Stephany-NY).

VENEZUELA: Ecos del Torbes 4980 p/d ltr. in 76 ds. for a SP rpt., ms. and a taped rpt. v/s G.G. Gonzalez Iovers, Director. (Foxy-VA). Radio Tachira 4830 colorful pennant in 6 wks. for a SP rpt. and 1 IRC. (Glikman-IL). prepared cd. w/ a small blue pennant in 6 wks. for a SP rpt. (Lazarus-LA). pennant in 38 ds. for a SP rpt. and ms. (Wilkins-CO). pennant in 56 ds. for a SP rpt. and ms. (Reinstein-FL). Radio Maturin 5040 "Antenna" cd. in 39 ds. for a SP rpt. and ms. v/s Carmelo Resplandor. (Foxy-VA). Radio Frontara 4760 cd. in 6 mo. for a SP rpt. v/s Modesto Marchena, Director Gerente. (Berg-MA).

Vietnam: Voice of Vietnam 10080 f/d cd. in 7 wks. (Wilkins-CO). cd. in 5 mo. (Purdum-MI). 15012 paper "Logo" cd. in 127 ds. for 1 IRC. (Hosmer-MI). 15010 f/d folder cd. in 156 ds. (Choroszy-ME). 10040 cd. in 243 ds. (Tekulve-OH).

YEMEN ARAB REP: Radio Sana'a 9780 p/d form ltr. in 165 ds. for 2 IRCS. (George-NC). ltr. in 41 ds. for 2 IRCS. (Palmerheim-MN).

NOTE: Well that about does it for this month. We had a total of 92 countries reported. That is below our average. I guess the way the economy is going, we are all cutting back on report writing. Thanks go out to Marge Witte for a very friendly letter. Hope you get some rain quickly. Katie Gunter...thanks for the "DX Fever" poem My wife loved it! To Gerry Blighon...Thanks for the letter. Hope you have a great time in the Air Force...Sam. Paul Buer sent in a copy of an envelope he received way back in 1962 from Radio Katanga. It was received without any contents. That's the way it goes sometimes! Until next time 73s....Hope the new typewriter is OK.

update

November 1982***Number 126

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

UPCOMING DEADLINES: 10 November (Mid-Nov) 21 November (December) 9 December (Mid-Dec)

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

UPDATING UD: In UD 126 I spoke with you all about contributing, both to UD and other NASWA columns. Now, your ed wants to do his part by updating the material we want for UD. In addition to your hot news items, UD now wants what I call scan information: I'm looking for special topics such as the following: (1) the WARC watch—a group of people who will scan the new WARC bands and report to UD as stns become active there; (2) bandscans, both in and out of band—listings of what can be heard on segments of the SW spectrum (as in Jim Conrad's recent 13m scan) (3) countryscans—Nigerian regionals, 60m Venezuelans, RM regionals; you name it, provided that its from the same country it's a countryscan; (4) stationscans: say 24 hours of BBC World Service freqs; and (5) DXpedition ex. The idea is to broaden UD's coverage into specialized areas that aren't covered by other NASWA columns.

THIS NEW IDEA WILL ONLY WORK IF YOU SUPPORT IT. SURELY THERE IS A PROJECT YOU'VE BEEN ACHING TO DO. DROP ME A LINE AND WE'LL TRY TO SCHEDULE IT. AND I MAY EVEN CONTACT YOU TO HELP OUT AS A PART OF MAKING THIS NEW UD PLAN WORK FOR EVERYONE. tba

ANTARCTICA LRA 36, 15474, in SP 2252-0004; good. SP tunes, ID, more vocals. M&W alternating from 2332-45, possible ex. Full ID 0002. (Richard D'Angelo, PA 10-9)

ARGENTINA R. Nacional, 6060, in SP 0958+; M&W w/ ex at t/in, ID 1000 including calls and site. (Marlin Field, MI 10-11)

AUSTRALIA ABC Lyndhurst (VLR6), 6150, in EG 1135-53; fair. Waltring Matilda vocal, Al Jolson ex, and a pile of very very old ex. (D'Angelo, PA 10-10)

AUSTRIA ORF, 21525, in EG 1228-48; fair. ID, annex // 9770 (covered by RA) and 17895 (covered by QRN. Austrian SW Panorama, announcing new antennas for November freq changes. NPs for Nov: 1200-1300 on 21615; 0400-0600 on 5945 and 2000-2200 on 9615. SW ex and tapes of Antarctica reception. (D'Angelo, PA 10-10)

**BELGIUM BRT D-82 sked effective November 7-December 31 will drop 21525 and use 17915 at 1400-45 w/ EG to Nam. // 21810 still used. At 0030-0115 BRT will use 9870 in EG to Nam // 11695 to Sam. 1400 is M-Sat. 0030 is Sun-Sat. (ANARC-FRC via Bob Zilmer, NM)

BOLIVIA Recent verie indicates that R. Abaroa power is actually 500w. Freq lists as 4730 and stn claims to operate 1000-0400. (John Moritz, OH)—And Stu Klein finds them back on 4718 now! tba

***R. Nacional Cochabamba, 5974, in SP *1009. ID as R. Nacional Bolivia, ex. Faded by 1030. (Field MI 10-12)

BRAZIL R. Nat. Sao Gabriel, 3375, in PT 1008-18; M&W, comments then local ex. Ads 1013 and more announcers w/ brief ex intervals. ID by W 1017. Fair. (Charles Bolland, FL 10-10)***R. Marajoara, 4955, in PT 0200-40; excited futebol coverage, ID 0207 and local ballads. (Brian Alexander, PA 10-9)***

R. Journal Transmasonica, 5026+, in PT 0907; talk by M, several IDs, ex. (Alexander, PA 10-10)

CAMBODIA Yaoude, 9745, in EG 2116+; into lang 2119-2151. EG ID 2118, local ex, discussion of finances. (Ken Briacoe, IN 10-15)

CHINA Kuning PBS, 4760, in CH 1340-1400; M&W annrcs, lovely flute ex, ID 1359. (Lin Robertson, CA 10-11)***Hainan PBS, 4960, in CH 1335-1405; poor. EG lesson w/ M&W annrcs. ID 1400. (Robertson, CA 10-7)***Hainan PBS, 4980, in CH 1330-1400; fair. W annrc, talks off abruptly 1400. (Robertson, CA 10-8)***Hunan PBS, 4990, in CH 1329-35; fair. Another EG lesson w/ M&W annrcs. (Robertson, CA 10-6)***CPBS, 9775, in CH 1515-1600; good. CH opers, vy nice. ID. (Robertson, CA 10-11)

COLOMBIA Information received in recent verie states that R. Surcolombiana, recently active again on 5010 has changed from Caracol to Todolar networks, as I previously speculated. (Moritz, OH)***

LV de los Centauros, 5955, in SP 1010-25; "Buenos dias, Colombia," pgm, local ex, dedications and M annrc. (Wilkins, CO 10-15)***LV de la Selva, 6170, in SP 1045; ID and TC in ex pgm. (Field, MI)

COSTA RICA TIPC, 6175, in EG 1059; at least 2 rooster crows, ID as Faro del Caribe in San Jose, C.R., religious pgm next. (Field, MI 10-8)

**DENMARK RD, 11825, in DN 0158-0230; IS, IDs in EG and DN; annex as exen to Greenland and the Pacific, ex 0200, in-depth ex 0215, pgm Segun w/ CW ID: CQ de OZF. Good but going w/ Tahiti gaining. Also BBC QRN. (Wilkins, CO 10-13)

ECUADOR LV del Neco, 3280, in SP 1020-25; fair. Nice lilting ex, M annrc, ID/TC. Ute on low side. (Stu Klein, NJ)***Ondas Quevedanas, 3325, in SP 0906; good. LA pop ex, some campo ex w/ Ecuadorian sound. Past IDs and TCs. Bad Ute QRN. (Jack Jones, MS 10-12)***R. Iris, 3381, in SP *1020; vy good. Local ex and vocals, short annrc 1024, more ex, touch of disco, ID and TC. (Jones, MS 10-8)

EQ GUINEA Beta, 5005, in SP 2215-2300* good. Not on 4926. Strange group singing w/ M screaming over it in veris. Mx over 2241 and M w/ ID. Into more talk w/ many IDs; closing annrcs and march NA 2257. Off 2300. (Moritz, MI 10-10)

FINLAND RF, 21475, in EG 1218+; good. W annrc, ex sht Finland, "Compass North" pgm. Annrc named Cheryl Watkins. (Bolland, FL 10-9)

FR GUYANNE Cayenne, 6170, in FR 1005-32; strong till 1025 when pressed Tawentinsuyo took air. (Moritz, OH 10-6)

GREECE VOG, 15050, in GR *1100-05; fair. NA, full ID, schedule and W w/ mx. (Bolland, FL 10-10)

GUATEMALA R. Resulatlán, 3370, in SP 0015; // 4835. Local marimbas, talk by M and ID. (Alexander, PA 10-16)+++R. Chortis, 3380, in SP 0207-24; bad het. Marimba ranchera mx, M anncr. ID 0215 and then back to the mx. (Moritz, OH 10-14)

INDONESIA RRI Palu, 3960, in IN 1157-1231 tentative. Choral mx to 1159, anncmt by W, mx to 1210, more talks by M to 1230 when "Satu Nusa, Satu Bangsa, Satu Bahasa Kita" bhoral anthem. (Henry Lazarus, LA 10-17)***Site only tentative, I'd think. tba

*ITALY IBC, 11585v, in IT/EG. 0720-0835; poor. Pop mx (Ebony & Ivory) M anncr. Could not catch ID but did hear mention of Italian QTH and freqs 6275 and 7370. Neither audible. Tough copy. (Alexander, PA 10-10)***W/ no ID should be marked tentative or presumed. tba

*JAPAN RJ, 21832, experimental USB rxn 2215 in EG w/ Gen Service pgms to WCNM. Good on 10-11. This // 17755 in DSB mode. Scheduled 2200-0300 12-31 October. Pgm last 45 min or 30 min in EG or JP. Also noted 17752 USB 2100 in EG w/ Gen Service pgms. Nx, mx interlude, comment, items from nx room, headlines. Requested reports. Good 10-11. (Bob Zilmer, NM)---Same 21832 USB 0300 //17755. And on 17752 USB 0420 in JP. (Alexander, PA 10-17)---Same, 21832 at 2313. Asks for comparison v. 17755 AM on their report form. When first noted 21832 better because of lack of QRN, but by 0100 strength on 21832 poorer. (Ralf Munster, GA 10-12)+++RJ D-82 sked effective 11-7-82 to 3-5-83 drops 21610 and uses 15300 2345-0045 for EG to NAM. // 17825. (Zilmer for ANARC-FRC)

KOREA (REP) RK, 15575, in EG 1133-40; M&W; American M and Korean W giving nx. (Bolland, FL 10-10)

MEXICO XEQM, 6105, in SP 1100; M&W talking w/ ID and site. (Field, MI 10-9)+++XEWV, 6165, in SP 1055; news and ad for Banco de México. (Field, MI 10-9)

NIGERIA FRC Ibadan, 6050, in EG 2201-49; fair. Nx, patriotic talk, mx. (D'Angelo, PA 10-9)+++FRC Kwarra, 7145, in EG 0545-0600. US soul mx, ID, TC and all in Eg except for several verns ads. (Alexander, PA 10-7) +++VoN, 15098.5, in EGM 2000-2100 10-10 only. Nx, comment, tribal mx. Good sig but poor mod. 15120 not hrd. (Wilkins, CO)---Same, 15098.3, 10-11 0514 in EG w/ World Ser. QRing slightly IBA on 15105 seems a one-off reception. Not noted before. (Munster, GA)

PAKISTAN RP as follows: 15530 at 1601 in EG w/ nx at slow speed to 1615 s/off. // 17640 both poor. 11670 in EG 1700 w/ local mx and comment. Poor. (Zilmer, NM 10-13, 10-10)

PNG R. Western, 3305, in poss EG 1152-1206; fair. Talk by M to 1155, lang talks to 1200, NBC R. Western id on hour, into pgm of nondescript mx. (Lazarus, LA 10-4)+++R. Eastern Highlands, 3395, presumed 1150-1200. Island mx, anncmts by M. NBC ID 1159 followed by birdcall. Pipe 1200 but then wiped out by spurs from local MW stn. (Lazarus, LA)

PERU R. America, 3240, in SP 0945; // 6010. US pop mx, W anncr w/ ID between each mx selection. (Alexander, PA 10-10)+++R. Tropical, 4935, in SP 1039-1105; fading. Non descript latin mx, M anncr ad string 1048-49 w/ 16 ads. Nx on hour. (Wilkins, CO 10-15)+++R. Andina, 4996, in SP 1030-35; fair. M anncr, talk, ID into nice flute mx. Some WWV splash. (Klein, NJ)+++R. Moyobamba, 5015-, 1030-40; poor. Horrid het off of 5015+. M anncr, long ad string, talk, ID/TC, flute mx. (Klein, NJ)+++R. Los Andes, 5030, in SP 0738-0900+. Anthem at t/in, Full ID and s/on 0742 w/ site ID as Huamachuco. Local mx, M anncr, pgm called "Surcos Tropicales," slogans abound. Acknowledged listeners in Tokyo and Chicago. Not hrd nightly. (Wilkins, CO 10-10)---Same 0915-40. Nice Andean tunes. Anncmts, ads and several IDs. (Alexander, PA 10-10)---Same 0910; earliest ever and many "atenciones". (Field, MI 10-11)---Same, 1035-45; nice copy after Continente faded. Peruvian flutes, M anncr, talk, ID, more mx. (Klein, NJ)+++R. Satellite, 6727, in SP 0328-50*. Nice campo tunes, some yipping numbers as at 0340 when M yelled "viva el Peru" at opening. ID for Satalite 0329 but R. Catolica ID 0348! No idea what's going on here. (Moritz, OH 10-12)---Same 0230-0415+ 10-13. Some flute selections. But on 10-10 gone 0406. (Field, MI)+++R. Orienta, 6189 (out of order) in SP *1056; good. NA, theme from the Sting, ID, frags, local mx. (Jones, MS 10-14)

SOMALIA R. Mogadishu, 6790, in lang 0317-0327; excellent. 2 IDs by M at t/in, into nice mx. Melodic singing around flute-like instrument. ID 0325, more mx. (Moritz, OH 10-12)

SOUTH AFRICA Warning! RSA, 6160, in SP 0024-47*; looking for Argentine and found this. M&W in talk to 0031 w/ many mentions Argentina. Zal pops. Beware as pgm is in SP and on a bad night might v. well be confusing. (Moritz, OH 10-11)+++RSA 25790, in EG 1530+. DX Corner pgm. South African Superlatives. Good. (Bolland, FL 10-9)

SRI LANKA SLBC, 11835, in EG 1100-1132; Radio Monitors Int'l. Features on US MW stns KYW and WJR. SLBC external service ID 1130. Poor w/ trouble from 4VEH and killed by HCJB. (D'Angelo, PA 10-10)

*SURIJAH SRS, 4850, 0905-10; v. good. Back after absence; usual morning pgms, ads, IDs etc. (Klein, NJ)---Same *0852 in DT(?). OC for at least a half hour before instr mx 0852. Short choral anthem 0856 followed by ID, talk and pop mx. Good. (Jones, MS 10-18)+++R. Apintie, 5005.6, in DT 0215 back here from 4996. Usual stuff to 0628*. (Alexander, PA)---Same, 0150-0203 10-14 w/ M anncr in apparent DT between old 40s tunes. ID by him 0155 and into Wings "Let Me Roll It". (Moritz, OH)

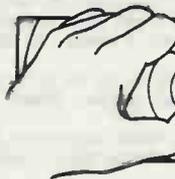
UGANDA Kampala, 15325, in EG 0350; v. good. Celebrating 20 years independence. Speeches by big-wigs. Bigger sig. (Jones, MS 10-9)

VENEZUELA R. Occidente, 3225, in SP 0315-20; fair. M anncr, talk, ID/TC, ads, fast mx. (Klein, NJ) R. Carora, #907. 5, in SP s/on variable 0958-1010. Aqui Venezuela pgm after, local mx, M anncr, TCs 2 min fast. ID, calls and freqs 1043. (Wilkins, CO 10-14)---Same 0130-0200. Lively pgms. (Alexander, PA 10-10)+++Same *1011; s/on greetings, Aqui Venezuela pgm. Good. (Jones, MS 10-14)+++R. Turimo, 6180, in SP 0908; v. good. Lo mejor en radio--la musica Venezolana is slogan. Right after s/on. (Jones, MS 10-18)+++R. Occidente, 9754, in SP 1058-1105; v. good. M anncr, ads for Tovar firms. Clear ID on hour. Beware of this as opposed to Sideral 9756. (Klein, NJ)

VIETNAM RV, 15010, in SP 1104-08; fair. Full ID, nx, M&W anncrs. Easily audible. (Bolland, FL 10-10)

*LATE ARRIVAL --BRAZIL R. Toméo, 9610, in PT 2115-35+; finally IDed this after much work. Varied Brazilian mx pgm, M anncr. ID sounds like Tom-ah-oo per Park's rpt in DXS.Fla. Best on LSB. (Neal Perdue, AL 10-24)

Doing better--73--



LOG REPORTS

section A

2000 to 4899 kHz

Editor: Stu Klein, 842 Cranbury Cross Road, North Brunswick, NJ 08902

Welcome to another installment of LR-A. We have some most unusual material this month, courtesy of some reporters living overseas and some pretty good DXers right here in the continental 48...on to it!

- 2340T NEW BRITAIN R.W.M.B.; ~~1127~~ Island chants, very tent, but fits w/super PMS morning. (Gliksmen 9/26)
- 2390 MEXICO R.Buayacocotla; 1225 Excellent lcl sx px, good sig. (Murff 10/9)
- 2468T PAPUA R.Popondetta; 1127 Lite pops, time tones 1130, lang tkl by M/ann, foll by px featuring lcl sx. (Gliksmen 9/28)
- 2490T BRASIL R.Educ. Rural Coari; 0114 Sio ballads incl PT vers of Beatles tune, M/ann w/PT tkl. Vy wk, just over QRM. (Darling-UK 9/8)
- 3205 BRASIL R.Riberão Preto; 0005 PT M comments foll by sx. p(Bolland 9/16)
- 3210T ECUADOR R.Federacion; 1043 M w/native rel px, chanting. (Murff 10/8)
3215. CELEBES RRI Manado; 1120 Island sx. Best IN on the band. (Reinstein 10/5) 1400 OM/ann w/IN tkl, organ sx. p(Robertson 9/17)
- 3222 TOGO Lama Kara; 2230 Nice FR pops, M/ann w/tkl, ment of Lora & Kara, back to some more of the same sx. f(Klein 10/11)
- 3225T BRASIL Lins R.Cl.; 0030 Interview in PT for 15 min on subject of coffee farm. Vy p under CW/KITY. (Darling-UK 9/8)
- 3225 VENEZUELA R.Occidente; 0200 G w/ID & "Noche Musical" px. (Reinstein 10/5) 0250 SAM sx, TC, ID, g(Michaud 9/26) 0255 YV pops, sevl ID, ade. (Alexander 10/2) 0312 LAM pops & ballads, OM/ann w/ID 0320, sta promo. f(Jordan 9/12) 0315 M/ann, tkl, ID, sevl ade, to typ fast YV sx. f/g(Klein 10/5) *0958 S/on w/NA, into LAM pops. //9754. (Gliksmen 10/2)
- 3230 LIBERIA ELWA; 0610 Lcl Af tribal sx, lang tkl by M, EG ID 0625. (Alexander)
- 3230 PERU R.El Sol de los Andes; 1016 Lcl sx px, freq IDs, OM DJ. (Potorti 9/18) Same (Lucas) 1044 M/ann w/tkl & OA sx sela, ID. (Murff 10/7)
- 3240 PERU R.America; 0705 US & SP pops, ID 0713, //6010. (Alexander 9/19) 0920 OA flutes/ballads, LAM pops, finally ID, into more sx. f/wk(Klein 10/24) 0950 Slick format US pops, LAM pops, ID over tune 1000. (Harkimer 9/24) 1011 M & W/ann w/sx to 1020 ID & sx. p(Bolland 9/16)
- 3250 HONDURAS R.Lus y Vida; 0235 EZL sx, OM w/SP ID & rel tkl. (Murff 9/18)
- 3251 ECUADOR LV del Triunfo; 1029 Folklorico sx sela, TCs & IDs by M, few ade. Starting to fade 1045. (Harkimer 9/18) 1043 Lcl sx w/many voice-overs, ID every 5 min. p(Potorti 9/18) 1050 HC sx, TC, M/ann w/ade, ID/TC. g(Murff 10/4)
- 3255 LIBERIA LBS; 2230-0002*, 0530-0600 Usual mix of EG and lang px, w/tkl and sx both, and many, many IDs. (8 rap)
- 3256 VENEZUELA LV de El Tigre; 0325 M/ann w/full ID, QTH, TC, into YV harpe. f/g(Klein 10/5) 0327 Rk, sx, freq ID, TC. g(Michaud 9/25) 03300 OM w/sx, punctuated by chimas. f(Jordan 9/12) Also ID's as R. 980—adk
- 3265 MOZAMBIQUE Maputo; 0400 EG ID, sx bridge, full ID by M, Afro/ME sx by M, into sx & ann by M. Gone by 0427. p(Stephany)
- 3275 VENEZUELA R.Mara; 0000-0400* Usual px of tkl & TV pops. (6 rap)
- 3279.8 ECUADOR LV del Mapo; 0120 Long tkl on HC/OA "problemas diplomaticas" w/full ID & TC 0122. f(Darling-UK 9/7) 1002 Accord sx, voice-overs. p(Potorti 9/18) 1020 Nice lilting HC sx sel, M/ann w/TC/ID, more sx. f/UTE lo-side(Klein 10/10) 1025 M/ann w/Quechua tkl, HC sx. g(Bolland 9/29) 1140 HC & LAM pops, ID. (Murff 10/12)
- 3285 SKILIZE RB; 0100 EG sx, vx, ID, into SP 0114. f(Krist 9/8)
- 3285 ECUADOR LV del Rio Tarqui; 1005 HC style ballads(2), M/ann w/TC "en LV de la Rio Tarqui," into nother ballad. f(Klein 10/24) 1010 MK, occ tkl, ID. p(Bolland 10/3)
- 3290 PAPUA R.Central; 1230 OM w/lcl sx px, PD tkl, ID/TC 1145, more sx. NA & s/off at 1300*. (Murff 9/26)
- 3295 BRASIL R.Tapuio; 2330 Px of rancho & accord sx, M & F/ann, IDs. Iguatami not noted this nite. (Perdue 10/7)
- 3300 GUATEMALA R.Cultural; 0308 Rel sx, EG tkl, "Back to the Bible." p(Jordan 9/9) 0500 EZL sx to 0530 rel px. 0545 more sx. On all nice? (Murff 10/3)
- 3305 PAPUA R.Western; 1132 Lang tkl to 1148 island sx. vy wk(Gliksmen 9/26) 1152 EG tkl by M to 1200 ID as "NBC R. Western" & into px of nondescript sx. (Lazarus 10/4)
- 3310.2 BOLIVIA R.San Miguel; 0012 Numeracy lesson to 0020, then lite sx to 0030, into sx bulletin. f/heavy KITY QRM(Darling-UK 9/7)

- 3325 BORNEO RRI Palangkaraya; 1324 IN tlc to 1328 ID, lcl mx. p(Potorti 9/24)
- 3325 BRASIL R.Liberal; 0402 Interminable phone-in w/lcl personality (a singer) prone to burst into song during conversations, much congratulations on sta/pk (first day on the air?). Many tent Liberal. f/RTTY QRM(Darling-UK 9/7) Nice!—sdk
- 3325 ECUADOR Ondas Quevedas; 0500 OM DJ w/LAM pops, ID 0507, TC, ads, etc. p/UTE on freq. (Murff 9/16) 0615 LAM pops, IDs, TCs, OM DJ. (Alexander 9/11) 0906 LAM pops, some campo w/HC sound, faat ID/TC. Bad UTE QRM(Jones 10/12)
- 3349.1T BOLIVIA R.27 de Diciembre; 0101 NX buletin, many ment Bolivia & La Paz, but no pos ID caught. Vy p, wk in RTTY QRM(Darling-UK 9/7)
- 3360 GUATEMALA LV de Nahuala; 0014 Marimba/ranchera mx, OM DJ, ann. (Alexander 9/28) 0112T Px of marimba mx, no ID noted. (Lobdell 9/29)
- 3366 GHANA GBC; 2258 ID as 'You are list. to the GBC' into rel tlc & mx by choir. (Kohlbreuner 10/6) 0505 Sun morn rel px in vernac, 0510 ID, EG ID 0515. (Murff)
- 3370nF GUATEMALA R.Tezulutlan; 2250 Marimbas to 2300 relay of educ px from R. Nac., in // to most other Guat stas. 2319 ID as TGTZ, R.T. //4835, but this one stronger. (Reinstein 10/5) 0145 Tnx Agner, weird mx, marimbas, Ind lang tlc to poss ID & OC 0201. IDed next nite 2330. f(Klein 10/6) As Unid 1132 (Gliksmn)
- 3375 BRASIL R.Cl. Dourados; 0030 Pop Brz mx, live ads & ann, ments of Dourados, ID as R.Cl. QRM off SJo Gabriel. (Bishop 9/16)
- 3375 BRASIL R.Nal. SJo Gabriel; 0928 Much tlc by F/ann, few ads, mx. (Bolland 9/28) 0946 Lite PT pops/ballads, ID as R.Nal. (Gliksmn 9/25)
- 3380 GUATEMALA R.Chortia; 0038 Mix of marimba & slo LAM vocals along with one sel by three drunks w/accordion. Tlc by M, ID 0201. f/g(Gilster 9/11) 0207 marimba/ranchera mx, M/ann betw. ID 0215, back to mx. Bad het(Moritz 10/14) 0302 Ranchera to OM w/ann, s/off sun, & 0309*. g(Jordan 9/12)
- 3380 MALAWI MBC; *0251 Rooster crowing & drums to 0253 M/ann w/s/on ann, into mx. f(Klein 10/18) 0255 Hymn & Af lang prayer, 0300 ID & OM w/nx headlines. vg(Murff 10/2) 0345 Lang tlc px w/laughter, mx 0400. f(Buer 9/7) 0402 OM w/nx to 0410 Af mx & chanting. p(Jordan 9/9)
- 3381 ECUADOR R.Iris; *1020 HC mx & vocals, short ann 1024, more HC mx; a touch of disco, ID & TC. g(Jones 10/8)
- 3385 FRENCH GUIANA FR3, Cayenne; 0045 EG pops & inst mx, ID by M @ 0102. f/g(Wallace 9/6) 0130 Hot n'lively calypso tunes, M/ann every now & then. //5055. vg(Moritz 10/3) 0245 FR EZ mx, OM/ann 0300. g(Jordan 9/10) 0310 FR mx & M/ann, ID, NA, guitar IS, & 0328*. (Cobb 9/10)
- 3385 SARAWAK RTV Malaysia; 1300 W/ann reading world mx in ML to 1305 ID & EZL mx. RRI Kupang on same freq. (Murff 10/10)
- 3390.6 BOLIVIA R.Camargo; 0148 Carrying results of Eu athletic champ. in Athens, then into Bol style mx & M/ann w/tlc betw sels. p/wk, heavy RTTY on hi-side (Darling-UK 9/7) Very nice, OM!—sdk ↑ g(Bolland 9/29)
- 3394 ECUADOR R.Zaracay; 0332 Campo mx, OM/ann w/ID. p(Jordan 9/9) 0430 OM DJ w/pk of HC voc mx, ID 0455, 0500*. (Murff 9/16) 1018 Cont ads(all w/echo), some mx.?
- 3395 NEW GUINEA R.Es. Hilands; 1120 Px of rel mx, isl mx, to tlc px. (Gliksmn) 1145 Px of isl mx w/M/ann. ID 1159 as "NBC..." foll by bird call. Time pips 1200 when lost to QRM. Tech, guess this ia tent since no full ID was noted. (Lazarus) We would tend to say that it's full enough—sdk
- 3600 PERU R.Emeraldas; 0955 Savel ment of Peru & nice Inca Cola cmcl sung by a chorus, short bursts of OA flutes, M/ann w/tlc. Good sig till the hams got to work on it 1000. (Wilknr 10/4) 1020 Nice segs of OA mx, Inca Cola jingles, SP ID by M betw songs. Poss spoiradic operation. Ex-5050 due to Jesus del Gran Poder? (Reinstein 10/6) I guess the poder of Poder was just too gran...ouch!—sdk
- 3905T NEW IRELAND RNI; 1003 Nx in PD by OM, to presumed mx in another lang, no ID but lang & nx IDed it. (Mikell 9/10)
- 3930 CAPE VERDE Voz de SJo Vicente; 2345 Slo inst mx to PT ID, freq by M, into NA & 2358*. (Wilknr 9/26) Same, tnx Wilknr. (Reinstein 9/26) As Unid 2338(Wallace)
- 3960 CELEBES RRI Palu; 1215 Nati px to NA, ID 1227, 1230 gal w/kide mx px. (Murff)
- 3970 CAMEROON Buea; 0450 Lcl mx, FR ID 0500. f/p(Wallace 9/3)
- 4000 CAMEROON Bafoussam; 0515 Am pops & hi-life mx, YL/ann. f/QRM(Witte 9/15)
- 4300T PERU R.Moderna; 0210 Andea flute & LAM mx. M/ann w/tlc. Poss ID but nothing def CW & UTE QRM(Valko 9/8) 0230 Nondescript LAM mx & odd snatches of tlc—one ment of Celendin, Moderna, Cajamarca. p(Darling-UK 9/8) 0246 Andean songs. p(Gliksmn)
- 4520H COLOMBIA R.Neiva; 1016 Usual type of px, many ref to Neiva but no ID per se, but suspect 3 x 1130. Sadly, 4855 not audible to check. f(Cunningham 9/23) as Unid HJ(Field)
- 4657 ECUADOR CRE; *1045 NA, ID as "CRE-Rdafa de Ecuador," freqs, and the day's bread-casting sked. g(Jones 9/25)
- 4696 UNID 1218; Lang tlc that became nx px w/remote rpts, NA 1232, inst theme, more Elk. Sounds so. asian, nothing on 4710. Quetta? (Gliksmn 10/5) When last noted, Quetta was in 4707-11 range, tending to drift upward—sdk
- 4718T BOLIVIA R.Abaros; 0435 EZ inst & voc LAM mx, OM/ann w/tlc betw sels, ment Riberalta, no clear ID. f(Klein 10/7)

CELEBES RRI Ujung Pandang; 3000 W w/chanting sx to 1013 ballad, foll by drums. p w/UTE QRM(Basta 9/22) 1355 IN pops, OM/ann. f(Robertson 9/26)

UNID 1018; Trad singing in lang, ID but not readable in noise. Noted to 1030*. Format similar to other Pakistan transmissions heard in the past. Quatta?(Bolland) See 4696...it's conceivable, but we prefer not to guess--sdk

BURMA BBS; 1120 Long songs to 1130, tkl by YL 1130-1145 in lang, more sx after 1145. No def ID; f/QRM/QSB(Buer 9/28) Same, tx Buer. (Reinstein 10/7)

BOLIVIA R.Abaroa; 0100 LAm sx & US pops. ID 0108. (Alexander) 0240 US/disco soul sx in segued blocks w/M/ann betw sels. Full ID 0253. vg(Darling-UK 9/7)

CHINA Xinjiang PBS; 2345 Q330 lang reg in Sept. f/in 2345-0030 f/out. Usually pipe at 0000 w/Xinjiang ID by M or W. (Reinstein) 1120 Very weird wailing sx, almost ME sound, tkl by ann in lang, more same. Uighur is skaded. f(Klein 10/10)

AFGHANISTAN RA; 0140 Koran chanting, vy wk & no chance for ID. (Billier 9/25) Same. (Bolland 10/1)

CAMBODIA Bertona; 0430 VY strong & clean, M/ann w/FR tkl just after s/on--ID, etc. to drum sx. (Klein 10/7) 0442 Hilife sx, OM/ann in vernacs, 0502 EG sx, into FR w/more sx. (Wilkins 9/18) 0447 Af voc sx, M/ann in FR. (Glikeman 10/7)

BOLIVIA R.Emis. Bolivia; 0327 Slow, segued ballads w/full ID 0350. p/vy wk, bad RTTY QRM, splatter off Brz on 4754 & 4756. (Darling-UK 9/7) 1004 Boring nondescript LAM fare, SP & presumed Ayмара by M. Lousy audio. (Reinstein 9/23)

CHINA Yunnan PBS; 1122 CH opera. 1st appearance of season here. Presume listed site. p/UTE QRM. (Reinstein 10/8) Which, on the whole, are fairly accurate--sdk

BRASIL R.Mal. Cruzeiro do Sul; 1003 Wake-up morning sx, few comments betw tunes. Full ID & ads hrd also. f(Bolland 9/14)

LIBERIA ELWA; 2230-2302*, *0600-0700 Usual EG rel px. (7 rep)

NIGERIA Kaduna; 2215-2330, 0420-0500 Mixed sx/trl format. (9 rep)

VENEZUELA R.Bolivar; 0030-0330 LAm sx & tkl mixed w/many ads, IDs, etc(6 rep)

INDIA AIR Gauhati; 1126 Obvious Indian sx(strings, tabla, sitar, etc). AIR regionals rare at this QTH by 10/7-8 fine As openings. (Reinstein 10/7-8) Very nice log, but we have one question...who or what is a tabla?!--sdk

VENEZUELA LV de Carabobo; 0000 LAm sx, ID by M. (Dickson 10/1) 0029 ID by M, LAm sx. f(Gilster 10/5) 0140 TC, ads, ID, lottery results, sx. (Mikell 9/8) 0228 Tkl, ads, ID. g(Michaud 9/11)

BRASIL R.Ribamar; 0242 SAm sx, ID, more sx & nother ID. f(Michaud 9/25)

UNID 0445 EZ LAm sx px, OM/ann in SP betw w/trl, but unable to make ID due to cochannel UTE QRM. Perhaps Combeima come back to roost. (Klein 10/7)

PERU R.Atlántida; 0230-0430, 1000-1100 Consistently reported with very nice OA sx px, as well as LAm sx, ads, IDs, TCs, etc. (7 rep)

UNID 1001 Heard under Atlántida. Believe might be Atalaya, since sx sounded quite BC, but sx doesn't make an ID! Beware too, as Atlántida anncr often tkl's over sx, giving impression of 2 sigs on the freq. (Reinstein) We agree as to poss ID, having hrd it here sev'l times, tx ur tip--sdk

ECUADOR LV de los Carás; 0219 Mix of slo LAm sx & lively vocals. Ann by M, clear ID at 0259*. g(Gilster 9/15)

BRASIL Unid; 0928 Pleasant Brz sx foll by tkl, ads. Poss ID, but sud too thick to copy. p(Bolland 9/22) Aquidama or Tabajará--sdk

ECUADOR R.Popular; 0445 Mx sels, OM/ann w/trl, TC, ID, etc. (Jordan 9/4) 0515 OM/DJ w/LAm pops, freq IDs. (Marff 9/16) 0626 Mx del Ecuador, OM w/ID/TC, greetings. (Mikell 9/11) 0740 ID, HC folk sx, tkl. (Alexander 9/11)

LESOTHO RL; 2135 US pops, mant of Lesotho but no ID, NA & 2202*. Noted running late twice. g(Biller 10/1)

VENEZUELA R.Lara; 0000 Mx, ballads, sev'l ID. (Dickson 9/27) 0059 M/DJ w/trl over sx, ID. g(Gilster 10/5) 0142 Pops, ID, OM/ann. f(Halbert 9/20) 0209 LAm & EG pops, OM/DJ w/v/over IDs. g(D'Angelo 9/20)

BRASIL Rdfa do Amazonas; 0935 Tkl by M, ID 0944, more tkl, foll by PT pops. (Alexander 9/11) 1033 M/ann w/trl to 1042 march, full ID, more tkl. (Glikeman)

GABON AF#1; 0502 FR sx, sx, ID. g(Michaud 9/11) 0510 US top 40 sx, then native pops. Finally, clear FR ID 0528. f(Halbert 9/8)

PERU R.San Martin; 1015-1100 Mucho ballads, OA flute sels, LAm sx, just a general mix of such, IDs every so often, more sx than tkl. (6 rep)

COLOMBIA R.Guatapuri; 0150 LAm pops, chimes foll by M/ann w/full ID & freqs. f(Gilster 9/8) 0312 Tkl, sx, mant of Todolar nat. TC, ads, ID, etc. g(Michaud)

HOPER VOLTA Ouagadougou; 0529 IS, FR ID, to tkl px, may have been sx. (Bishop 9/15) 0538 Tkl & sx. (Glikeman 10/7)

BRASIL R.Mal. Tabatinga; 2225 PT tkl by OM & YL, ID as "R.Mal. de Tabatinga" and simply R.Mal. Lita sx. f(Valko 9/6)

ECUADOR R.Pas y Bien; 0355 Nondescript vocals, M w/ID & tkl. f(Jordan 9/12)

MAURITANIA Nouakchott; 0630 AR chanting to 0641 sx items. 4845 absent. Time & format indicate Mauritania. (Glikeman) 0610 AR tkl, sx, nothing on 4845, badly muddled mod. f(Jordan 10/2) Apparently, they consider all of 60 M fair game--sdk

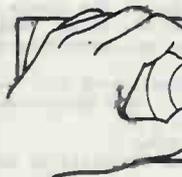
GUATEMALA R.Mam; 2340 Nice marimba sx, M tkl in lang, ID as "transmitte TGMN Radio Mam 4825 kHz...Cabrigan, Dpto. Quetzaltenango." (Reinstein 10/9)

- 4825 PERU LV de la Selva; *0958 NA, w/ann w/ID, freqs, cmcls, OA mx. Ute always on this freq. p(Jones 9/27) *1000 NA, M/ann w/canned s/on ann-ID, calls, freqs, etc, into OA flutes. vg w/UTE off(Klein 10/18) 1005 Nonstop OA mx, lotsa yipping, no ID till 1027. (Billar 10/1)
- 4830 VENEZUELA R.Táchira; 0045 Lite mx to 0100 mx, full IDs. g(Darling-UK 9/8) 0150 Phone interview to 0200 OM/ann w/ID, more tkl. f/g(Jordan 9/11) 1030 Radio novela promo: "R.T., #1 en novelas!" ads, ID w/freqs & calls. (Mikell 9/10)
- 4835 BRASIL R.Nal. Boa Vista; 0214 Soccer match, TC, ID. f(Michaud 9/4)
- 4835 BRASIL Unid; 0230 Inst organ mx sels, PT ID 0244, audio too distorted to make out. p(Lobdell 9/27)
- 4835 GUATEMALA R. Texulutlan; 0110 Marimbas, ID 0115. (Dickson 9/18) 0151 Nice marimbas to ID 0202, more mx. bad het(Moritz 9/17) 0155 OM w/3 ID, lcl mx, tkl, 0203*. (Hensley 10/14) 1150 Bal px in lang, freq mant Coban, marimbas, full SP ID 1205. (Murff 10/14)
- 4835 SARAWAK R.Malaysia; 1254 OM & YL w/trlc in Malay, sounded like mx to 1300 YL w/ID, OM w/speech. g(Hensley 10/14)
- 4840 CHINA FFB#2; 1115 Vt nice CH opera mx, F/ann w/chatter, more mx. //4380, 5170, 5770, ad nauseum. vg(Klein 10/10) 1133 Trad CH mx, tkl betw tunes. f(Bolland 10/2) 1210 F/ann w/px of Italian movie mx, ID 1215. (Murff 10/14)
- 4840 VENEZUELA R.Valera; 0203 Lam mx, M/ann w/ID. p(Gilster 9/13) 0337 Lam mx, TC, sung ID. g(Nichaud 9/11)
- 4845 MAURITANIA Nouakchott; 2347 AR mx, tkl, chanting. 0001 closing ann, NA, & 0002* (Bolland 9/18) 2202T AR tkl, no ID noted. (Kohlbrenner 10/6) † f(Bolland 10/2)
- 4845 MOLUCCAS RRI Ambon; 1111 In with apparent IN mx to 1114 usual mx. //3241.t
- 4850 CAMEROON Yaoundé; 2205 FR pops, F/ann, ID, mx. g(Kohlbrenner 10/6) 2255 ID by M, FR tkl, NA, 2300*. (Posporelia)
- 4850 ECUADOR R.Lus y Vida; 0940 Inst HC mx, ads for "Las Maquinaria del disco, Pilas Rojas Eveready." Full ID 0955. g(Lobdell 9/27)
- 4850 SURINAM SRS; 0223 Px of to 40 rock/blues, sevl ment of "big band sound" in EG, mostly DT though. vg(Wilkner, Reinstein 10/9) 0905 EZ lcl mx, M/ann in Lang(not DT), tkl, SRS ID, mx. vg(Klein 10/10)
- 4852.7T YEMEN A.R. Sana'a; Continuous Koran chanting. f(Darling-UK 9/7)
- 4860 PERU R.Chinchaycocha; 0523 OA mx, OM DJ, ID 0530, more mx. (Murff 9/16)
- 4864T MOZAMBIQUE Maputo; 2145 F/ann in PT w/poss mx, Af drum mx. Mushy audio(Billar)
- 4870 BENIN Cotonou; 2213 Af mx, pops, M/ann in FR, then lcl lang tkl. (Kohlbrenner 10/6) 0540 OM/ann w/trlc, lcl Af mx, ID. f(Jordan 9/4)
- 4870 ECUADOR R.Rio Amazonas 0355; M/ann w/SP rel tkl, ID, s/off ann, & 0401*(Pappas)
- 4875 COLOMBIA LV del Norte; 0020 Tkl by M, ID. (Dickson 9/27) 0442 Full ID, freqs, & close, no NA. vp, het off Super(Darling-UK 9/8)
- 4885 BRASIL R.Cl. do Para; 0220 Mx, ID & freqs. f(Wallace 9/11) 0224 Accord mx, ads, ID. f(Michaud 9/4) 0815 Just after s/on w/M/ann giving ID, calls, freqs, QTH, prayer. vg(Klein 10/10) 0841 ID, freqs, short devotional. Didn't hear "Radio Cluba" in ID, rather Rdfs do Para. g(Jones 10/4)
- 4890T ECUADOR R.Centinala del Sur; 1000 HC mx, then rock, then sports event, which must be taped given hour. Many want R.Nac. Espejo! Good sig(Berg 10/10) 1030 IDs as Espejo w/sports, //4680, M/ann. vg(Wilkner 10/10) Mchinks a relay—sdk

As a special feature this month, we have some loggings from Dr. Richard Wood in Saudi Arabia...it's amazing what can be heard on the other side of the world!

- 2350 SAUDI ARABIA BSKSA; 1730 AR Hajj speeches, //5875, 15060 and others. Does not seem to be harmonic, site unknown.(9/29)
- 3210 MOZAMBIQUE Maputo; 1610 PT ID, Lam mx. g(9/30)
- 3339 ZANZIBAR RTZ; 1940 SH tkl.f(9/30)
- 3355 INDIA AIR Kurseong; 1620 Vernac tkl, film mx. (9/30)
- 3905 SUMATRA RRI Banda Aceh; 1505 IN lcl mx, choral mx. g(9/30)
- 3915 SINGAPORE BFC-FES; 1730 EG Strauss waltzes. //3990 Cyprus. g(9/30)
- 3925 INDIA AIR Delhi; 1515 HD film mx. g(9/30)
- 3965 AFGHANISTAN RA; 1515 DR tkl on Afg-Pak rels, not //4740. g(9/30)
- 4000 CAMEROON Bafoussam; 1730 EG mx of OAU. g(9/26)
- 4635 TADZHIKISTAN Dushanbé; 1500 Tadshik ID, mx. g(9/26)
- 4725 BURMA BPS; 1435 Burmese tkl, mx. g. clear(9/26)
- 4750 CAMEROON Bertoua; 1745 Vernac interview. f(9/29)
- 4770 NIGERIA Kaduna; 1740 EG interview with musician living in Kaduna. g(9/29)
- 4780 DJIBOUTI RD; 1430 AR mx, ID. Hrd all day. f(9/26)
- 4800 INDIA AIR Hyderabad; 1440 HD film mx. g(9/26)
- 4870 SRI LANKA Colombo; 1440 Sinhala px, mx. f(9/26)
- 4880 SOUTH AFRICA SABC; 1740 AK interview. g(9/29)

Looks like good listening over there! Well, that's all for this month; keep the cards, letters, and loggings coming in! Till next month, 3's & 7's.



LOG REPORTS section B

4900 to 6199 kHz

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

- 4900.5 **INDONESIA** RRI-Surakarta, continuous Koranic vocals 1145-1159 10-7, IS 1159, local ID, pipe, Jakarta mx, fair and clear, no trace of 4932; pretty rare here (Krueger-FL); 4901, fair 1442 9-26, Ind. songs (Wood-SAUDIA ARABIA); 4900, unid. but Surakarta presumed 10-5, natl prgm 1215, too weak for details; others say Sura. here (Glikman-IL).
- 4901 **ECUADOR** LV de Saquisilí, 1054 9-28 w/ID as LV de Saquisilí, R. Libertador. IL). HC mx, messages, fair sig and Juventud not on (Jones-MS).
- 4901.5 **SRI LANKA** Colombo, fair 1520 9-30 with Indian film mx (Wood-S.A.R.).
- 4905 **BRAZIL** R. Relogios Rio, fair with TC 2342 9-25, pipe, ads (Michaud-QUE).
- 4907 **VENEZUELA** R. Carora, pops, LA mx 0140 10-12, dead air between many songs, male DJ; had to wait till 0400* for ID and anthem (Biller-NJ); 0258-0345 10-9, exc w/"1140 Musical" IDs and occasional mentions of Carora, ads, YV ballads (Krueger-FL); YV vocals 1005 10-9, "Aquí Venezuela" prgm. ID 1018, fqy amcd as 4910; also *1010 on 10-11 (JB).
- 4910 **ECUADOR** Em. Gran Colombia, Quito, LA mx 0135 10-3, talk, ID, ute QRM (Alexander-PA); strong w/ID 0228 10-5, "Em.Gran Col., R. Cadena Nacl Ecuatoriano." "Noticias en Gran Col." 0230 (Reinstein-FL); 0530-0545 9-16, LA pops, IDs, ads (Murfr); 0533 10-2, fair sig, Rumba-type mx, long songs, ID 0551 (Halbert-CA). Often closer to 4911 (JB).
- 4915 **BRAZIL** R. Anhangera, man talking in PT 0145 9-18, ID, ads, jingles (Alexander-PA).
- 4915 **GHANA** Accra, to 2305* 9-20, 9-23, nx, ID, Afr vocals, ID amnt, NA, off (D'Angelo-PA).
- 4920 **AUSTRALIA** ABC-Brisbane, live field and track event 0945-1002 10-4 (Cucura); sports mx 1128 10-2, mx 1132 (Bolland-FL); poor at 1210 9-17, nx, commentary (Potorti-NV).
- 4920 **ECUADOR** R. Quito, ID, LA mx at 0425 (Samuel).
- 4924.5 **EG. GUINEA** Bata, vernac. pol. talk 1738 9-29, good sig (Wood-S.A.R.).
- 4925 **COLOMBIA** Em.Meridiano 70, Arauca, pop LA mx 1001 9-20, ID as "Meridiano 70" (Jones-MS).
- 4925+ **UNID.** LA 1011 9-9, non-descript LA mx, echo amnts, 1045 fade out, fair sig (Wallace-PA).
- 4930+ **GEORGIAN SSE** Tent. Tbilisi, Mayak 0225 9-28, too weak for ID. 4785, 4810 and 4860 weakest also noted, with 4930 the weakest (Biller-NJ).
- 4934 **JYA** Nairobi, good at 1945 9-29 in Swahili talk (Wood-S.A.R.).
- 4935 **PERU** R. Tropical, Tarapoto, "Noticia y Noticias" prgm 0255 9-8, canned ID, ad string (Incl. Yamaha); fair with slight fade (Pappas-PA); folk mx 1004-1013 10-1, ads for Tarapoto stores (Loddell-MA); fine ID 1036 9-27 amongst ads and OA mx (Jones-MS).
- 4940 **SRI LANKA** Colombo, EG talk on Sri Lankan exports at 1520 on 9-30 (Wood-S.A.R.).
- 4940 **VENEZUELA** R. Yaraouy, San Felipe, TC 0153 9-25 (2 mins fast), LA mx, ID 0158 as "Primera en la zona central de Ven." and "la emisora del pueblo" (Halsema); pop LA mx 0305 9-25, ID, TC, good sig, no interference (Michaud-QUE).
- 4945 **COLOMBIA** R. Colosal, Neiva, nx 0515 9-8, most from Bogota, IDs as "Esta es Caracol Neiva" (Darling-UK); Caracol ID 0600 9-28, fair (Halbert-CA); ID 0741 9-18 (Illa-FL).
- 4950+ **CLAUDESTINE** Tent. Vos de Verdad, but no ID hrd. Mostly mx from 0345 tune in, low audio during talking; rooster crows, IS, possible anthem 0430, fair to 0415, then faded; on 9-27 (Biller-NJ).
- 4950 **SARAWAK** Kuching, CC talk 1212 9-17, ragtime mx 1213, into vernac; fair (Potorti-NV); presumed the one w/weak sig, EG mx by gal, 1104 10-5, a little to weak to ID (Reinstein-UNID). Exc 9-41 to 0055*, abrupt s/off, playing "Stranger in the Night" (Bishop); FL). 9-13, off 0258 after same song, also "Tara's Theme," v'y strong, did not come back (I stayed on fqy to 0400) (Lasarus-LA); 0346-0515 9-11, abt 15 mins of this "elevator mx" and 15 mins off; jumped from 4951 to 4952 at 0440; best sig on band (Cunningham).
- 4955 **BRAZIL** R. Cultura, Campos, rel.sounding talk 0915 10-10, ID, TC (Klein-NJ).
- 4955 **BRAZIL** R. Marajoara, Belém, soccer 0218 10-1, abruptly off 0232*, weak but clear (Loddell-MA); promo 0915 9-17, TC, ID, good at first, out by 0935 (Cunningham).
- 4960 **CHINA** Peking, gal in CC 1120 10-2 (Bolland-FL); tent. them at 1050 9-24, fair, oriental mx, mushy audio (Biller-NJ); presumed them, 1330 9-23, poor, mxtr busz (Robertson-CA).
- 4965 **COLOMBIA** R. Santa Fe, Bogota, fair 0523 9-28, ID 0557 (Halbert-CA); 0538 9-11 (Michaud-QUE); full ID 0601 9-11, cambias, OM amncr (Wilkins-CO).
- 4970 **VENEZUELA** R. Rumbos, Caracas, ID 0157 9-20 (Halbert-CA); ID 0309 9-25 (Michaud-QUE).
- 4972 **CAMEROON** Yaounde, good 2220 9-22, Afr mx, FR ID 2219, slight ute QRM frn 4975 (Biller-NJ).
- 4980 **AZAD KASHMIR** AFR, Kashmiri talks 1445, mx, good sig (Wood-S.A.R.).
- 4980 **VENEZUELA** Ecos del Torbes, San Cristobal, various times between 2300 and 0300 (Halsema, Kohlbremer, Michaud-QUE), incl. LV del CID "R. Antonio Maceo" prgm 0120 9-30 (Dickson).
- 4985 **BRAZIL** R. Brasil Central, Goiânia, poor 0050 9-25, mx, talk, jingles (Potorti-NV); fair with slight het 9-8 0510, PT ballads, male amncr (Darling-UK).
- 4990 **CHINA** Hunan PBS, Changsha, 1100 10-10, cont. CC talk, no mx, fading fast (Klein-NJ).
- 4990 **S. AFRICA** R. RSA, EG 0415 9-27, poor (Halbert-CA); s/off amnt 0427 9-9 (Wallace-PA).

- 4990 VENEZUELA R. Barquisimeto, LA mx 0142 on 9-25, ID 0145 (Halsema).
- 4996 PERU R. Andina, Huancayo, many logs of this one rptd in the 0300-0557* (Darling), Pappas-PA, Loh-AZ, Reinstejn-FL, Mikell-IL) and 0930-1100 slots (Field-MI, Herkimer-NY, Boland-FL, Valko, Klein-NJ, Jones-MS).
- 4996 SURINAM R. Apintie, piano mx and ID in Dutch at 0404 on 9-11, fair sig (Michaud-QUE).
- 5005 EC. GUINEA Bata good here 10-10, running late, 2215-2300*. Strange group singing and chanting, ID 2241 as R. Nac'l de Bata. Talk, closing armt, NA 2257, 2300* (Moritz-OH).
- 5006a SURINAM R. Apintie, back here 10-14, 40's tunes 0150, ID, rock mx (Moritz-OH).
- 5010 COLOMBIA R. Surcolombiana, Neiva, C052 10-2, armts, ID, chimes 0054, abruptly off at C054* (Alexander). Logo on recent SL confirms they are now Todelar (JB).
- 5014 ECUADOR Sac. R.fonias Populares, Riobamba, 0117 9-28 in bad het, lesson of some sort, guitar riffs, ID 0125 (Moritz-OH); 1015 9-20, rustic vocals, rooster crowing at 1024 ID, no mention of this fqy; gave address as Apt. 4755 (Herkimer-NY); guitar mx, full ID 1027, ex-3985 (Lobdell-MA); exc 1025 10-4, still amcng 3985 (Field-MI); ID 1107 9-16, talk, HC mx following religious prgm; fair w/some QRM from ute on 5015 (Jones-MS).
- 5015 PERU R. Moyobamba, M&M anncrs 0215 10-2, ads, several IDs, good despite low side ute (Alexander-PA); long ad string 1030 10-5, ID, TC, OA flutes, bad het (Klein-NJ); NA *1040, ID, surge of commercials, poor and had to tune high to escape ute; 9-16 (Jones-MS).
- 5015 UNID. 9-18, 0203, rapid Afro chants, group back-up, rapid talks, gone by 0215 as QRN increased; vy poor. Not Brazil or Cameroon. Also hrd 10-2. (Jordan).
- 5020 NIGER Niamey, NA *0530, FR ID, prgm armt, chanting, then Afr mx; fair (Stephany-NY).
- 5020 SOLOMON IS. Honiara, request prgm 0920 10-4, TC, ID, all EG, //9545 (Ocura); choir mx 0950 9-12, IDs, RA nx (Cobb-ME); nx 1000 9-11, maybe from RA (Potter-ONT).
- 5020 SRI LANKA Colombo, Tamil nx 1500 9-30, fair sig (Wood-S.AR).
- 5025 BRAZIL R. Vitória, Vila Velha, 0440 9-5, big sig, ballads, multiple IDs 0500, echo, to 0501* (Jordan).
- 5025 ECUADOR R. Splendit, Cuenca, 0403 9-8, ballads, few IDs, bad QRM (Darling-UK); caught end of prgm 0501 9-4, full ID, fqy armt, to 0506* (Gliksmann-IL).
- 5025 PERU R. Quillabamba, ID 0330 9-8, ads, LA mx (Pappas-PA); ID 1022 9-27, exc, EZ letng mx (Valko); talk 1035 10-7, ID, OA mx, fair to good sig (Klein-NJ).
- 5026 UGANDA Kampala, *0300 in EG, mx, nx, best on the band 9-28 (Wood-S.AR); fair to poor on 9-7, 0355, vernac.nx to 0400 ID, EG nx bltn (Darling-UK); EG nx 0402 9-27 (Gliksmann-IL).
- 5027 BRAZIL R. Jornal Transamazônica, Altamira, talk, IDs 0907 9-18, faded by 0924 IL).
- 5030 PERU R. Los Andes, Huamachuco, now the big OA on the band and hrd by (Cunningham). many in the *0903-1100 time slot (Lobdell-MA, Herkimer-NY, Boland-FL, Biller-NJ, Moritz-OH, Field-MI, Valko, Klein-NJ, Lazarus-LA).
- 5030 UNID. 1350-1415 9-21, Arabic, ME vocals or chants, no ID; fair to poor (Robertson-PA).
- 5030 VENEZUELA R. Continentes, Caracas, LA songs 0154 9-20, ID 0200, singles (D'Angelo-CA).
- 5035 BRAZIL R. Aparecida, ID 2300 9-20, ballads (Wallace-PA); presumed 0010 10-5 (Field-MI).
- 5035 KAZAKH SSR Alma Ata, Kasakh talk, mx, 1445 9-26, fair sig (Wood-S.AR).
- 5040 COLOMBIA R. Cinco, Villavicencio, also many logs of this one this month with mostly Caracol prgmng in the 0100-0600 period (Moritz-OH, Jordan, Jones-MS, Gliksmann-IL, Michaud-QUE, Alexander-PA, Mikell-IL, Murff, Halbert-CA).
- 5040 GUINEA BISSAU Good sig in PT on 9-22 but bad audio, presumed nx w/ID 2210 (Biller-NJ).
- 5040 VENEZUELA R. Maturin, ID 0055 9-26 (Alexander-PA); fair 0351 9-8, no trace of Libertad. Headlines, 3-note electronic interval, full ID, NA, 0403* (Darling-UK); *0914 9-16, NA, ID, LA mx (Murff); good 0935 10-3 (Bolland-FL); many IDs 0957 9-30 (Jordan).
- 5045 BRAZIL R. Cultura do Pará, Belem, Br.mx, big ID, good 0140-0157 9-26 (Jordan).
- 5045 PERU R. Rioja, ads 0300, mx, ID between songs, ID 0330, 0347* (Stephany-NY); nx 0345 9-8, ID 0351, fair (Pappas-PA); same on 9-8, 0345, still copyable 0510 (Darling-UK).
- 5047 TOGO Lome, chime IS 0525 9-18, NA, s/on armt, relig.prgm (Wilkins-OO); same 9-26, faded out by 0535 (Mikell-IL); in FR 0541 9-11, Afro mx, ID, fair sig (Michaud-QUE).
- 5050 ECUADOR R. Jesús del Gran Poder, Quito, light mx 1002, ID 1006, full s/on 1011 (Bishop).
- 5050 TANZANIA Dar es Salaam, good at 1735 on 9-29 with Swahili talk on Kariba dam (Wood-S.AR).
- 5052 SINGAPORE R. Singapore, world and natl nx in EG, 1501, poor on 9-10 (Halbert-CA).
- 5055 BRAZIL R. Mauá, São João de Meriti, talks 0502 9-25, several IDs (Jordan).
- 5055 COSTA RICA TIFC, EG to 0400, then SP; amncd //1080, 6175, 9710; fair (D'Angelo-PA).
- 5055 FR. GUIANA Cayenne, closing sequence 0100 on 9-8, full ID, LM to 0109* (Darling-UK).
- 5065 ECUADOR R. Nacl. Progreso, Loja, ID 0438 9-11, NA, 0440*; fair sig (Michaud-QUE).
- 5066 ZAIRE R. Candip, fair in FR pol. speech 1845 9-29 (Woods-S.AR); IS in progress 0324 9-27, ID 0329, definite mentions of Candip and Bunia, anncd two bands. Afr hi-life mx; nx 0400, two chimes here and there; fairly good till gotten by ute 0410 (JB).
- 5095 COLOMBIA R. Sutatensa, Bogota, ID 0331 9-26, fair overall (Michaud-QUE).
- 5095 PAKISTAN Islamabad, late Sept, Koran or sub-cont. mx fm 1310, EG nx and wx 1345-1350, ID as "This is R. Pak, Islamabad" (Howard-CA); Urdu nx 1500 9-30, fair (Wood-S.AR).
- 5112 PERU R. Eco, Iquitos, mx 0432, many IDs and slogans, NA, 0455* on 9-25 (Jordan); OA mx 0445 9-11, ID, choral NA to 0455*, fair sig (Witte-CA).
- 5170 CHINA PLA 2, CC 1110 10-10, //4840, 5770, beautiful CC mx (Klein-NJ).
- 5240 CHINA PLA 1, exc 1105 10-10, //5265, talk, opera mx (Klein-NJ).
- 5710 UNID. 9-8, vy weak in SP 0330, low audio; condr that AM would suggest OA (Darling-UK).
- 5700 CHINA Urumchi, talk in Uighir at 1428 on 9-26, then mx; good (Wood-S.AR).
- 5886 INDONESIA RRI-Pekanbaru, Indo mx 1355 10-3, IS 1359, RRI nx, ID; fair (Loh-AZ).
- 5940 USSR 0655-0720 9-27, fair in RR, sounded like "Govorit Magadan" (Sharpe-CA).

AUSTRIA Vienna, SP ID 0305 9-28, talk to 0310, bad het on both sides (Rankin-KS).

PERU R. Arequipa, fair-poor most of Sept., arnd 0230 to s/off between 0330 and 0345. OA mx, popular EG mx, futbol (//6010 and 6115 one night) (Howard-CA).

SWAZILAND FWR, EG 0440 on 9-15, relig. prgm, but no ID (Howard-CA); 1745-1830 in PT, good sig; "Esta é a Rádio Transmundial na Suazilândia" (Wood-S.AR).

NICARAGUA La Voz de Nicaragua, Managua, political talk 0310-0325 9-11 (Gorichanas); "Aquí Nicaragua" 0400-0410 9-6 (Wilkins-CO); cntry. ID, LA mx, 0430 10-2 (Samuel); Sandinista slogans, 0502 10-3 (Lobdell-MA); nx 0533 9-8 (Halbert-CA). 5952, believed this one at 0500 on 10-1 (Ishenga-TN).

CANADA RCI, *0100-0128*, EG mx, sports, election cntry, good sig 9-22 (Krist-VA).

W. GERMANY DW, HF cntry on state elections, fair at 0512 on 9-9 (Halbert-CA).

MALAYSIA Kuala Lumpur, 1445 in Malay, ID, fair sig on 9-26 (Wood-S.AR).

BOLIVIA R. Nacional, Cochabamba, semi-Bol. sounding mx 1017 on 9-24, deep voiced DJ, canned ID at 1018, fading sig; drifted up 1 kHz. in 5 min. of listening (Biller-NJ).

ENGLAND BBC, EG "Review of the British Press" at 0519 on 9-9; fair (Halbert-KJ).

SIERRA LEONE Freetown, nx 2307 9-20, both Afro and Top 40, requests (D'Angelo-PA); rel. prgm 2330 9-23 (Dickson); exc at 0603 9-12, many IDs, "Voice of Salvation" prgm (Cobb-ME); chime IS 0607 9-15, apologies for late 0612 s/on (Wilkins-CO); rock mx to 0630, into foreign language, 9-9 (Gorichanas).

BURMA Rangoon, 1430 in Burmese, talk, mx; good on 9-26 (Wood-S.AR).

UZBEK SSR R. Tashkent, good with EG ID 1427 10-2, amncg also 11.75, 9.54, 5.905; anthem (Howard-CA).

ETHIOPIA VORE, 0515 9-27 in Oromiya; talking, Ethiopian mx, good sig (Wood-S.AR).

AUSTRALIA RA, good with ID 0730 9-16, nx (Basta); nx 1130 9-22, //9580 (Halsema).

MALAWI Blantyre, EG nx by a man at 1800 on 9-29, good but jammed (Wood-S.AR).

ENGLAND RCI via BBC, fair with EG "As It Happens" at 2230 on 9-27 (Wood-S.AR).

HONDURAS R. Variedades, seems to give HRC1 call, 0230-0330 9-2; gives fuy as 1180 AM in Tegucigalpa, 49 mb in San Pedro Sula; also ILS as R. Cadena Zeta. Went off suddenly at 0302 on 9-25 and not hrd since (Rankin-KS); 0258 9-21, US pops, LA mx, commercials, mentions of Tegucigalpa and San Pedro Sula. Poor. If they were upright, true blue, God fearing folks like other LAs they'd be on in the early AM when VOA QRM gone (Jones-MS). 6000 said to be El Eco de Honduras carrying Variedades prgm (JB).

USSR RM, usual tune up to 0059 9-28, IS to 0100 opening; vy weak (Rankin-KS).

SCENSSION IS. BBC WS, fair 2215 9-11, "From Our Own Correspondent," etc. (Krist-VA).

CANADA CFCX-Montreal, pops 2024 on 9-20, auto ads, IDs, vx; poor (Krist-VA).

YEMEN Aden, Arabic 1550 9-26, ID, mx; exc all day in Saudi Arabia (Wood-S.AR).

COSTA RICA R. Reloj, mx and national nx, 0749 on 9-17 (Illa-FL).

PERU R. America, Lima, YL ID and TC at 0612 on 9-19, mostly US rock. //3240 also hrd; overcome by Reloj eventually (Mikell-IL); 1025 with LA singing, IDs, sound effects; Reloj slop, 9-28 (Valko); ID 1030 10-5, nx, few commercials (Jones-MS); good 1045 on 10-7, //3240 and 9510 (Krueger-FL); talk 1102 9-27, ID 1103, poor, much QRM (Lucas-CA).

BOLIVIA R. Illimani, La Pas, *1002 on 9-24, into Andean sx prgm (Biller-NJ).

ANTARCTICA LRA36, Base Esperanza, LA pops, YL host at 2255 on 10-1; vy weak, and on USB only, but //15474 good (Biller-NJ); 10-4, vy weak at 2350, but //15474 crashing n. Lost 6029 before 0000, but great copy on 15474 till 0030* (Reinstein-FL).

CANADA CFTP-Calgary, Miss America Pageant 0700 on 9-12, fair; also vx and nx (Witte-PA); sports talk 0807 10-4, commercials, pops, vx, mentions of Calgary, typical late night, one man operation; weak but in the clear (Jones-MS); 1220-1300 9-20, nx, vx, ads, sale DJ, traffic watch, Charlie West's prgm (Howard-CA).

USA AFRIS-Bethany, good with live sports at 0315 on 9-28 (Wood-S.AR).

FRUGWAY La Radio, Montevideo, weak and poor on 9-7 at 0038-0059, tremendous splatter and het; interview with sportsman, ads, ID (Darling-UK).

AUSTRALIA RA-Carnarvon, EG at 1750 on 9-29, mx, good (Wood-S.AR).

COLOMBIA R. Transmasonica, San Jose del Guaviare, various dyes from tune in arnd 0225, full ID arnd 1030 or a little before; usually gone by 1100 (Field-MI); campesino tunes, male anncr, 1027-1043 on 9-10; fair-poor, some slopover QRM (Moritz-OH).

LIBERIA VOA, "African Safari" in EG, 0630 on 9-4 (Halbert-CA).

IRVINGIA DW relay, EG at 0145 to 0150* on 9-28, jazz, etc. (Alcorn).

RUSSIA R. Clube Paranaense, Curitiba, Bras-balls 0815 9-11, ads, //11935 (Alexander-PA).

LIBERIA VOA, 30's mx at 2045 on 9-18, full ID on hour, fair sig (Bolland-FL); PA). Jazz USA" 2232 on 9-11, some special EG, very good sig (Krist-VA).

MEXICO R. Universidad, San Luis Potosi, 0955-0515* 10-9, SP M&W, IDs, PSAs, non-stop classical mx 0424-0508. "Buenos noches. R. Universidad. Esta es XEXQ, R. Universidad, 460 y 6045 kc/s, en San Luis Potosi, Mexico" over "Pomp and Circumstance," and off; good sig (Krueger-FL).

DOMINICAN REPUBLIC R. Santiago (see also 6120). First hrd 10-6, 0940, lengthy, fast moving nx, many TCs (all 2 minutes fast), a few ads, no ID. Quite good, and I thought it would turn out to be a YV. At 2345 10-6, sports ending 2350, ID as "... HIAZ. Estamos transmitiendo desde Santiago, en la provincia de ... 99.1 MHz. en FM. Radio Santiago, la mejor radio Dominicana." Into upbeat stuff and romantic vocals, "La Gran Musical 820" (MW fuy). Also hrd opening 0900 with quick TC, no formal opening, but such poorer sig then. Not hrd here since, but see 6120 (JB).

CHADOR HCJB, good in SP talk 0415 9-18 (Grosvenor-CA).

CZECHOSLOVAKIA Prague, EG nx at *0030, orchestra mx, fair sig on 9-11 (Krist-VA).

- 6060 ARGENTINA R. Nacional, B.A., ID 0600 10-2, national nx, long ID 0605, into light jazz; good (Halbert-CA); nx 0705 9-11, IDs, all talk; no //s hrd (Alexander-PA).
- 6060 PERU R. JSV, Ruanuco, carrier on at *1012 9-25, piano and guitar melody at 1015 opening, no NA but full ID with call, into OA mx prgm, short TCs and armts, but quickly blocked by Havana at 1022. Also 9-27 starting prgram at 1005 (JB); *1029 10-7, ID, into nice Andean vocals; good (Krueger-FL).
- 6065 COLOMBIA R. Super, Bogota, shouted ID 0607 10-2, bad het (Halbert-CA); promos and IDs 0955, folk vocal 1001, TCs running a minute fast. Good, strong signal 10-5 (Moritz-OH).
- 6065 USA WYFR-Okeechobee, unksed fqy 0320-0327 9-15, EG "Open Forum," maybe ex-9675 (Buer-FL).
- 6070 CANADA CFRX-Toronto, lottery promo 0612 10-2, mx, ID 0626 (Halbert-CA); FL). sports 1238 9-11, ads, rpt on recreational activities; fair (Krist-VA).
- 6075 COSTA RICA R. Rumbo, Cartago now here (or abt 6074.5), down a couple of kHz. (JB).
- 6080 CANADA CKWX-Vancouver, rock mx 0750 on 9-25, "Super Country" ID, TC, temp. (Sams).
- 6083 ZAIRE Kisangani, fair with Swahili talk at 1755 9-29 (Wood-S.AR).
- 6085 COLOMBIA Ondas del Darién, Turbo, ballads 1013 9-4, TCs, ID 1033, more nx(Glikman-IL).
- 60901 ARGENTINA Tent. R. Belgrano, B.A., rapid fire SP 0040 10-2, many references to Arg., tentative ID by man on the hour, more mx; poor-very poor, deep QSB (Jordan).
- 6090 AUSTRALIA ABC-Sydney, ID 0849 10-4, sports, covered by HCBJ at 0855 (Gucura).
- 6090 GUATEMALA AWR over TQMB, 0025 9-27, SP relig. prgm, full EG ID 0058 promising QSLs for rpts to P.O. Box 51-C; EZ lating mx. Better on 12180 harmonic! (Krueger-FL).
- 6090 LUXEMBOURG Ads for soap, tooth paste 0006 9-20, "Dave Brown Show," fair (Krist-VA).
- 6090 NIGERIA Kaduna, Afro mx 2250 9-25, ID 2258, pips 2300, more mx (Lare-MI).
- 6094.5 PERU R. Nacional, *1052 10-7, vocals, IDs 1056, 1101; good but fading. Presume the Mil Ochenta outlet; not //9560 (Krueger-FL); 6096, OA mx 1117, ID, TCs, nx, fading fast and practically gone by 1130; fair overall on 9-20 (Jones-MS).
- 6100 MALAYSIA Kuala Lumpur, 1435-1531 9-21, oriental mx, brief nx, 1531* (Sharpe-CA).
- 6100 VENEZUELA YVTO time sig stn, actually 6101 0130 9-8 (Darling-UK), 0136 9-8 (Gilster).
- 6105 BOLIVIA R. Panamericana, La Paz, talks 1038 9-16, light nx, ID 1051, poor (Jordan).
- 6105 MEXICO Su Pantera, pops 0107 9-25, ads, electronic sounds (Potorti-NV); 1041 9-25, promo, TC, ID w/panther snarls (Lobdell-MA); IDs betw.ranchera numbers, 1120 (Jordan).
- 6115 COLOMBIA LV del Llano, Villavicencio, ID 0628 10-2 (Halbert-CA); 0645 9-11 (Mikell-IL).
- 6115 PERU R. Union, Lima, in clear 1005 10-7, but Llano took over by 1020 (Biller-NJ).
- 6120 ARGENTINA R. El Mundo, B.A., singing ads 1010 10-5, much talk, fair-poor (Jordan).
- 6120 DOM. REP. Not certain, but at this writing am hearing something here arnd 1000 and before 2300 that sounds vy much like R. Santiago, see 6048. No ID, tho. (JB).
- 6120 NICARAGUA R. Zinica, Bluefields, to 0501* 9-30 (Samuel); strong 1120-1200 9-16(Murff).
- 6129 VENEZUELA R. Valles del Tuy, Ocumare del Tuy, to 2254* 10-8 in CHNX 2RM (Krueger-FL); completely in the clear and like a regular on 9-22 arnd 2300 (JB); multiple IDs 2300 9-6 (Darling-UK); abrupt 2259* 9-27 (Lobdell-MA); pulled plug in mid armt at 2330 on 10-11 (Herkimer-NY); ID 2319 9-20, wiped out by carrier at 2330; poor (Jones-MS).
- 6130 COLOMBIA R. Super, Cali, 2322 9-27 (Valko); ID 2333 9-6, uncopyable by 2340 (Darling-UK).
- 6130 JAPAN NHK-Kumamoto, gal DJ 1315 9-26, lost to VOA slop at 1330; Laos on 6135 (Murff).
- 6140 FRANCE RFI, FR to Latin America *2200-2230*, 10-7, nx, press rvw, etc. (Pickard-IL).
- 6150 MANCHURIA Heilongjiang PBS, Harbin, 1227 9-26, CC mx; //5950 weaker (Reinstein-IL).
- 6155 HAITI R. Citadelle, Port-au-Prince, mx to 1129 9-7, IDE, beeps; not positive(Glikman-IL).
- 6160 CANADA CKZU-Vancouver, clas.mx 0630 9-16, CBC nx, wx (Murff); CBC nx 0701 10-6, IL). wx for British Columbia (Grenier).
- 6160 SOUTH AFRICA R. RSA, SP 0020-0030 9-14 (Buer-FL); SP to 0051, then RSA IS, 10-11; beware, as could be mistaken for a Latin (Moritz-OH).
- 6165 MEXICO XEW, LV de la Amer.Latina, nx 0704 9-7, ads, off abruptly 0715* (Wilkins-OO); sports 0755 9-18 (Illa-FL); 1102-1129 9-18, fair-good, promo 1112 (Cunningham).
- 6170 FRENCH GUIANA Cayenne, strong 1005-1032 10-6, mx, gal in FR; dropped 1025 (Moritz-OH).
- 6170 COLOMBIA LV de la Selva, Florencia, one day only arnd 1015 with ID; now only Cayenne at 1000 (JB); 1130-1145 10-9, good with HJ pops, ID, Caracol nx (Krueger-FL).
- 6175 ANTIGUA BBC WS, nx 0005 9-6, good (Krist-VA); EG talk 0028 9-22 (Illa-FL).
- 6175 PERU R. Tawantinsuyo, OA mx 0945, ID 0948, fair level but bothered by het (Biller-NJ).
- 6175 S. KOREA Seoul using 6175 for 582 period, ending CC 1400, beginning Japanese, //7275; a mess, and 6185 completely clear (Hill-CA).
- 6178 ARGENTINA R. Nac. Mendoza, 0741 10-2, ID after OA-sounding mx, talk by gal (Jones-MS).
- 6180 VENEZUELA R. Turismo, Valera, 1034 (Herkimer-NY); 2340 (Darling-UK); 0100 (Field-MI).
- 6185 BRAZIL R. Bandeirantes, S.P., rapid talks 2215 9-5, sound effects, ID 2300; fair (Wallace-PA); speech at 2340 9-27, also hrd on some other Brazilians (Field-MI).
- 6189 UNLD. 9-8, vy weak LA, excited pol.speech, many mentions of Venezuela (Darling-UK).
- 6190 LESOTHO BBC, sports in EG at 1745 9-29, //6180, 6195, etc. (Wood-S.AR).
- 6190 PERU R. Oriente, Yurimaguas, ID and NA at s/on which varies from 1055 to 1100; gone by 1115 (Field-MI); *1100 9-16 with NA, nice OA mx prgm, OM DJ; bad het (Murff).
- 6195 CANADA CBCNQSWs, EG international nx, 0500 9-12, fair sig (Halbert-CA).
- 6195 NIGERIA Sokoto, Afro vocals, vernac.ads 0512, mentions of Nigeria; to 0527; unhappy to hear the ads, but guess they need the money (Glikman-IL). 10-7.
- 6195 PERU R. Cusco, rapidly talking male anncr 0945 10-9, many IDs between OA selections; fair sig (Biller-NJ).

Note: R. Madre de Dios, 4951, celebrates its 25th anniversary on November 23, so they might be worth trying for that day. +++ As usual, a reminder that all items are welcomed for LR-B, and a request that YOU contribute for December. See you then. 73-

LOG REPORTS

section C

6200 to 11699 kHz

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

- LEBANON** WORD; 2313-2315* just caught closing annmts in EG & into Lebanese NA. Decent signal to s/off. (Reinstein 9/23)
- CIANDESTINE** LV de Sandino; 1100-1111 here w/ clear ID at 1104 amongst ambulance type sirens, etc. M & W alternating tlk w/ such slogans as "viva la Nicaragua" and periodic musical fanfares. (Moritz 9/25)(Bolland 9/19)(Jones 9/28)
- PERU** R. Satelite/Catolica; 0250-0403* SP, Mostly flute mx and tlk by M snncr. S/off annmts at 0359 w/ID sounding very much like "Radio Catolica", and wents of Catolica NA, then gone by 0403. (Valco 9/8)
- PERU** R. Satelite(?); 0255-0342 This one giving me fits with an ID. Hrd quite reg now but never up to snuff w/ static and GRM. On 9/22 w/ great campo tunes and at 0306 am sure I heard "Satelite". But at 0335 also heard "Catolica" mentioned. (Moritz)(Darling 9/7)(Moritz 10/12)
- SOMALIA** R. Mogadishu; 0317 Here w/ very fine signal 10/12 w/ two IDs by M at tunsin and into very nice Mx. Melodic singing around a flute like instrument. At 0325 back with another ID and into more mx. (Moritz 10/12)(Bishop 9/22)(Gliksmen 10/4)
- SAUDI ARABIA** BSKSA; 2210-2259* AR M to begin with, noted semi-classical Mx. Mx of various tempo, At the end of the hour full ID and the NA. //15060 (Bolland 9/16)
- NICARAGUA** R. Venceremos; 0300 SP, Low sweep by fighter, auto weapons fire, couple of explosions--all leading to ID & Mx. (Jones 9/9)
- CHINA** Nei Hangu PBS; 1125-1130 CH, lovely opera Mx (F/,,ocal), F/ann betw sels, (Klein 10/10)(Potorti 9/23)(Bolland 10/3)
- CIANDESTINE** R. Farabundo Marti 0128-0148* changing freq nearly every minute to avoid Caron jammers. Varied as high as 7050. Good ID (Reinstein 10/1)
- PAKISTAN** RP Hindi Sve 0118* wandering again from nominal 7010., (Reinstein 10/4)
- ALBANIA** R. Tirana; 0010 EG, Albanian Mx, Item on film studio, Mx. (Krist 9/8)
- NIGERIA** Kwara; 0528-0538 LL Trad chant to 0530, annmts, ads (here too!) and into rock Mx pgs. (Gliksmen 10/7)(Mikell 9/26)(Wallace 9/9) 9/26
- POLAND** R. Polonia; 2200 Unid, vy wk w/ IS & EG ID. was looking for Nigeria(Alexander)
- TURKEY** VOT; *2200 EG, "This is the VOT", Mx, Review of TK Press (Krist 9/11)
- JORDAN** HKBS; *0330 AR, S/on w/ IS, 5 time ticks then ID by M as "Hums Amman" and into some sort of chant. (Valco 9/16) 9/9
- NEW CALEDONIA** R. Noumes; 0818 FR, M & W w/ tlk & ID & lite Mx. (Cucura 10/4)(Wallace)
- TUNISIA** RTVT; 0543 AR, AR Mx, Tlk & ID. Poss ID at 0600. (Samuel 9/29)(Kohlbreuner)
- CYPRUS** CBC; *2210-2245* GK, Guitar IS, opening annmts at 2215. GK Mx & tlk(Alexander)
- NIGERIA** VON; 0520 EG, local folk Mx. ID. (Samuel 9/9)
- VANUATU** RV; 0816 EG/FR M w/Mx & Mx 0830 w/ ID (Cucura 10/3)(Wallace 9/9)
- SOUTH AFRICA** RSA; 2114 EG, *Your tuned to Radio RSA." (Bolland 9/17)
- MALAYSIA** R. Malaysia-Penang; 1323 EG, Sports Mx. ID 1330, Mx. (Potorti 9/18)
- CZECHOSLOVAKIA** R. Prague; *0300 EG, "R. Prague-Czechoslovakia" Mx & Cntry on Israel. (Krist)(Bolland 9/17)(Dickson 9/19)
- EGYPT** R. Cairo; 0220 EG, World Mx by W. Cntry. (Samuel 9/8)
- PERU** R. Taona; SP w/ "Buenos Dias Peru" 1009-1031, OM snncr w/ px of Peruvian mx, musyos, etc; severe RTTY GRM; no ID so list as presumed. (Lobdell 9/26)
- CHINA** Tibet; Xisang PBS; 1150-1200 F/Ann w/ continual tirade in non CH lang, to CH opera 1155, pips & ID 1200. (Klein 10/10)
- MONACO** TMR; 0700 EG, ID, and fcy as 9.5 MHz. (Jones 10/2)
- AUSTRALIA** R. Australia; 1953 EG, CW type tune. GRM de Tirana. (Kohlbreuner 10/7)
- PHILIPPINES** FEBC; 1258 IS, EG ID "Calling from Manila, this is FEBC Radio" into HI, Film mx.; F. (Wood 9/27)
- PORTUGAL** R. Portugal; 0300-0330 EG, Mx, local Mx. Sports Mx. (Dickson 9/12) 10/2)
- VENEZUELA** R. N.; 1102 SP, ID and into Mx by OM. (Jones 9/14)(Jordan 9/30)(Cunningham)
- ANTIGUA** DW; 0503 EG, "Letter from Berlin" Bike Race, Mx. (Halbert 9/12)
- SOLOMON ISLANDS** SIBC; 0735 EG, Mx by OM, stn ID, TC. Island Mx. (Cobb 9/25)
- EAST GERMANY** RFI; 0240 EG, Sports Mx, ID, pop Mx. Political Cntry sbt Nato exercises best reception. (Samuel 9/8)
- SWITZERLAND** SRI; 0710 EG, DK Show, Swiss Merry Go Round. ID & Swiss Mx (Cobb 9/25)
- ROMANIA** R. Bucharest; *0400-0427* EG, Mx, relations w/ Egypt. "Tourist Mx" Item on Hsteners' club. (Krist 9/12)(Samuel 9/30)
- AUSTRALIA** RA; 0830 EG, Australian Mx. (Halsema 9/28)
- ITALY** RAI; *0100-0119* EG, Mx read by "crying" Yl. Mx. (Krist 9/15)
- AUSTRALIA** RA; 1230 EG, "You asked for it" - TV ads and National Health. (Fraser 9/5)(Calderwood 9/30)(Bonnet 10/4)(Jordan 10/5)

- 9585 HUNGARY Radio Budapest; 0217-0230* EG, M & F tlc abt Hungarian holiday & tourist facilities; marriage & divorce in Hungary. (Witzig 9/8 9/14)(Samuel 9/30)(Krist 9/21) (Dickson 9/12)
- 9610 AUSTRALIA VDM9-ABC; 1213 EG, Old Jazz Tunes, TCs, Nx at 1300. (D'Angelo 10/2)
- 9612* INDONESIA RRI Jayapura; 1927-1941 INDO, tlc w/ mxcal interludes to 1932; tlc followed; bet from VDM9 eliminated by using USB mode. Fair. (Buer 9/7) ID?
- 9630 CHILE R. Agricultura; OM in SP w/ full list of MW freqs & locals, ID, fanfare. Fair. (Lobdell 9/29)
- 9630 SPAIN SFR; 0130 EG, Cntry on upcoming elections/ tourism/int'l mx (Alcorn 9/28) (Krist 9/25)
- 9640 AUSTRALIA R.A.: 0835 EG, Pgm on composer Percy Grainger. (Halsema 9/28)
- 9645 BRASIL R. Bandeirantes 2245-2321 presumed the one here with M on location giving some report to anncr who was commenting and asking questions. Into very electronic fanfare at 2301 and thought had an ID for this one, then anncd "A vos do Brasil" pgm which they eventually went into. (Moritz 9/26)
- 9650 USSR R. Tashkent; *1200-1229* EG, Nx, Cntry, Sat Evening Mailbag. //15460 poor, 11785, 9715 good, 5950 nil. Also on at 14-1430 (Potter 9/11)(D'Angelo 9/18)
- 9660 VENEZUELA R. Rumbos; 0413-0430 SP, OM- SP vocals, many IDs. (Gorichanaz 9/10)
- 9675 PERU R. Del Pacifico; 1150 SP, Church Nx, Gal w/ ID. Into EEL Mx at 1157 (Murff 9/15) (Jordan 10/5)(Mikell 9/10)
- 9675 BRASIL R. Maraby; 0937 PT, Jose Fernando Pgm, OM chatter. ID w/ freqs and calls over disco Mx. (Mikell 9/10)
- 9690 ARGENTINA RAE; 2140-2202 SP Mx, Feature abt Argentina. Full ID at 2149. Martial Mx, Nx at 2200 (Bolland 9/29)(Reid 9/7)
- 9695 SWEDEN R. Sweden; 0230 EG, "Sweden Calling DXers" //11705 Sumasable (Munster 9/8) (Reid 9/13)
- 9695 KAMPUCHEA VotKP; 1200 EG, .YI w/ EG ID, freq given. OM w/Nx on Lebanon. 1216 Asian Mx. (Wilknor 9/25)
- 9700 BULGARIA R. Sofia; 2230 EG, "The Old Treasure Book." (Fraser 9/25)(Jordan 9/27)
- 9705 BRASIL R. Nacional; 2200-2340 PT, Much tlc, ads, mx, date and TCs. ID by M(Valko 9/6)
- 9710 AUSTRALIA R. Australia; 1220-1230 EG, Search for Aviator Kingsford-Smith's "S Cross" //11820 till 1230 (Halsema 10/2)
- 9720 SRI LANKA SLBC; *1230-1247-EG, Time pipe, ID, Pgm preview, US MOR Mx, into rel pgm. (Jordan 9/27)
- 9753 VENEZUELA R. Occidente; SP ID by OM, guitar Mx and ballads; distorted audio(Lobdell 9/27)
- 9750 CHILE 1057 Minería till 1108 in SP, Nx report w/ item on Rabat conference. local wx condx, IDs for Minería, anncs, ads till 1105, Nx. (Gliksmán 9/8)(Field 10/7) (Wilknor 9/16)(Valko 9/28)
- 9755 CANADA RCI; 0012 EG, Item on Canada and the OAS, IMF meeting in Canada. (Krist 9/11)
- 9760 GUATEMALA LV de Guatemala; 1146 SP, Usual Mariaba Mx, ID. (Jones 9/15)
- 9770 AUSTRIA ORF; 0130 EG, Mx, Bruckner Festival, anti-Nazi resistance archives. Good. (Fraser 9/11)(Krist 9/12)
- 9790 FRANCE RFI; *2200-2230* FR, New Lam svc. w/ 19 min of mx & press reviews followed by one song and magazine pgm w/ tlcx by luminaries. (Pickard 10/7)
- 9800 USSR R. Kiev; 2330 EG, Nx, Chandi's visit, "Mailbag" Fair. //11735 - better. (Fraser 9/25)
- 9835 HUNGARY R. Budapest; *0100-0128* EG, "Int. Nx Room." Item on education and job prospects. (Krist 9/8)
- 9865 GREECE Voice of Greece; *0130-0139* EG, "This is The Voice of Greece - Here is the News." Mx. (Krist 9/6)
- 9912 INDIA All India Radio; 2145-2205 EG, Indian Mx pgm, M & F anncrs. Station Id at 2200, QRM from the BBC on 9915. Fair. (Cobb 9/9)
- 9977 NORTH KOREA Radio Poryonyang; 1243 EG, Item on US weapon manufacturing, Mx. Sign off by YI at 1248. (Krist 9/11)
- 11620 INDIA All India Radio; 1950-2015 EG, IDs, M anncr, Indian Mx pgm, mx at 2000. vy gd & // 9912 Fair (Cobb 9/27)(Kohlbreuner 10/7)
- 11640 ISRAEL Kol Israel; *2230 EG, "This is Israel" Nx, press review item on airline strikes (Krist 9/7)(Halsema 9/25)(Witzig 9/17)(Cobb 9/9)
- 11645 GREECE Voice of Greece; 0510 OK7, ID'd w/ "Athens" 0515 when OM into Mx. //9865 first heard 9/5 but no ID 0110, QRMing IBA on 11640 then and 9/9 (Munster) 9/26)
- 11665 AUSTRIA ORF; 2234 SP, OM w/ freqs in OM, SP IDs, SP Mx Pgm (Johnson 10/10)(Jordan 9/26)
- 11665 EGYPT Voice of Arabs; 1945 AR ID, Nx (Wood-Abba, Saudi Arabia 9/26)
- 11675 KUWAIT R. Kuwait; 1935 EG, Pop & Rock Mx. (Kohlbreuner 10/7)(Witzig 9/10)(Jordan 9/11)
- 11695 BELGIUM BRT; 0105-0113 EG, Tlc abt Belgian Labor Movement to 0109, Mx "New Party's Over", ID as "Brussels Calling". (Halsema 9/25)

Conditions seem to be improving as 'Darkness' patterns change.

From what I hear, Today as I type this 10/28/1982 the FCC has approved US AMATEUR Radio operation on 30 meters (10.1-10.15 MHz.) This came about from the WARC 79 meetings 3 yrs ago. Listen for operators between 10.100-10.109 & 10.116-10.150 MHz. Currently 10.109-10.116 is a restricted area. Transmissions are CW at max of 250 Watts. 73 *[Signature]*

LOG REPORTS

section D

11700 to 17699 kHz

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

DOMINICAN REPUBLIC R. Clarin: 2055-2234 LAM nx, ID, fgyS, M SP ancr
C.I.D." pgm w/IS. G (Jones-MS, Kohlbrenner-PA). 2245 nice rumbas,
anfane, ID. VG (Witte-CA). 0030-0055 ID's, LAM nx, SP tlc (Cobb-ME).
WEDEN RSI: *0230 EG ID, amnts, Nordic nx by EG M, DX pgm. F(Krist-VA)
SIATIC RSESR Vladivostok: 1739-1812 RS nx by Z M, //11690 (Sharpe-CA)
EGYPTIA RAE: 2230 EG nx, tlc on composer Juan de la Rosa, "Monday
ports" pgm on Communications in Argentina. VG (Fraser-WA 9/6).
300 SP nx, G w/het. generally better here than in U.S.(Wood-Saudi Arabia)
SWITZERLAND SRI: 0150-0215 EG Q&A pgm abt SW problems (Bonnet-IN 9/25).
SOUTH AFRICA R. RSA: *0155-0258* IS, ID, EG Wld nx & cmtry on the
Ok Cuban troops in Angola. VG (Halbert-CA 10/3, Bonnet-IN 9/25).
KRAINIAN SSR Kiev: 2210 R. Vilnius-relay EG "Letterbox". G(Krist-VA).
2330-2357* EG nx & cmtry on the trans-Soviet pipeline. G (Krist-VA).
TAIWAN VoFC: 1404 JP tlc by W (Grenier 10/3).
TOKO ISLANDS RCI: 0645-0902* W ancr w/pop nx pgm, RA EG nx on the hour,
D, lcl nx, telephone request pgm w/M ancr host, NA 3 S/off (Loh-AZ 9/19)
FRANCE RFI: 0900 FR cmtry, ID, pop nx. G (Illa-FL 9/18).
INDONESIA RRI Jakarta: 1340-1400 IN M ancr, gamelan & wailing by W,
etr sounds better than ES xmtr on 11789. G (Robertson-CA 9/24).
NIGERIA VoN: 2032-2037 EG M w/tlk abt lcl law, ID's, nx (Krist,Valko).
BRASIL RNB: 0841 PT M ancr w/ID, Brasilena nx. G (Illa-FL 9/18).
INDONESIA Voi: 1256 EG pgm amnts by W, lite nx, FR ID, into FR nx @
300. G (D'Angelo). 1430-1500 EG "Indonesian Lesson", nx in brief(Sharpe)
448 "Let's Learn Indonesian", ID, EG times, fgyS, nx (Samuel 9/25).
SRI LANKA SLBC: 0110 typical Sub-continental fare, EG ID, ads. P(Sams).
WEST GERMANY RRI: 0554 GM ID, snippet from a Beatles tune. VG(Halbert).
ITALY RAI: 0100-0120 EG W w/nx (Dickson 9/13).
BRASIL R. Globo: 0116 PT ad, sports pgm promo, W singing TC, ID by M;
T M w/amns, "R. Globo awards the beautiful prizes tomorrow" (Mikell-IL)
ARMENIAN SSR Yerevan: 2030-2100 Armenian to Ear, //15550, IS, NA, ID by
X, nx by M&W in Armenian, discourse by M, choral nx. VP (Jordan 9/25).
INDIA AIR: 1339-1405 EG cmtry abt blindness among the Poor., Sub-Coast
X, "R. Newereel", regularly heard here (Robertson-CA 9/25).
LIBYA R Jamahiriyah: 2250 EG W w/Green-Book excerpts, disc nx filler,
till in EG @ 2318. EG discourse abt Israel, brief AR tlc(Samuel,Krkat).
JAPAN RJ: 1704 EG M w/nx, ancd freeze on gov't employees. (Halbert-CA).
SEICHELLES FEBA: 1700 IS, Somali s/on, ID, "Halkang wa R FEBA",
/15410. No sign of rptd power reduction. VG (Wood-Saudi Arabia 9/30).
AHITI Papeete: 0256-0430 TT tlc, polynesian vocals(Samuel,Wood,D'Angelo)
LIBERIA ELWA: *0620-0634 IS, ID in EG/FR, into unID lang., G(D'Angelo).
AHITI 4VEH: 2300-2325 IS, EG ID, radio play. religious pgms(Krist,Cobb).
SRI LANKA AWR: 1100-1130 EG "R. Monitors Int'l". F (Michaud-QUE 9/12)
MEXICAN STATE VR: *0100-0114* EG ID, tlc abt prayer, G (Krist-VA).
BURUNDIA RA: 1232-1245 EG test xxnx to JA., EG wx, nx, requested rpts,
You Asked For It". F-G w/co-channel lang. str (Buer-FL 9/19, D'Angelo).
BURUNDIA R Sofia: *2130 VG w/S/on amnts, IS, ID, EG nx(Alexander,Bishop)
SAUDI ARABIA BSKSA: 1245 EG tlc w/Afghan mujahid, S/off w/axed, NA(Wood).
HAWAIIAN ISLES FEBC: 1150-1216 IN flat-voiced M, wailing W nx (Jordan).
EUROPIAN RSESR Gorky: RM 0235-0325 SP M w/tlk, martial nx (Jordan).
LIBERIA ELWA: 2110 EG M requesting rpts, mention of "25 s.b."(Wood-Arabia)
PAKISTAN SFR: 0030 EG nx rpts & cmtry. Xlnt, as always (Alcorn 9/20).
047 "Sports Roundup", "DX pgm", fgyS & times. G (Krist-VA).
SOUTH AFRICA R. RSA: *0200 EG nx, cmtry, tlc on foreign affairs,
Africa Today". G (Krist-VA). 0530 IS, ID, NA, FR Wld nx (Samuel 9/16).
HONG KONG VoT: 2205-2230 EG W w/tlk, cmtry, P (Samuel, Saunders-RJ 9/23)
100 Turkish type nx, no ID so just tentative, M ancr in ME lang(Roberta X
ARAGUAY RNac: 2249-0010 SP tlcS, political speeches, ID, lcl SP nx,
Am pop nx, F w/het (Kohlbrenner-PA 10/6, Wallace-PA 9/9).
PORTUGAL RP: *0300 EG ID, Wld nx, "Listeners Mailbag" pgm. F(Krist-VA).
MEXICO VoPK: *1200-1230 EG & FR, 15-min. per lang, P (Potter-ON 9/19)
ABON Afr #1: 1945-2000 FR M ancr, vernacular & pop nx, ID. G (Buer-FL).
ROMANIA Bucharest: 0416-0430 M&W alternating w/nx & cmtry(Gorichanaz)
SIATIC RSESR Blagoveshchensk: 1150-1210 CH W w/tlk, march nx (Jordan).
NEW ZEALAND RNZ: 0836-0847 EG M w/nx, wx, YC, ID & sports (Cucura 10/4)/

11965 MONSTERFATT DW/YVTO mix noted here 0305-0330 w/time pips & SP annts mixing w/DW relay on 6100 (Rankin-KS 9/14).

11965 USA WRNO: 2325-0147 "World of Radio", rock nx, PSA's (D'Angelo, Krist).

11975 EAST GERMANY RBI: *0000-0040* EG ID, EG to NAM, nx, cntry. F (Krist-VA)

12000 EUROPEAN RSEFSR Moscow- Mayak: 1240-1340 Slavic flavoured orchestral mx, beautiful solo & duet w/haunting folk mx. RS W ancr. F-G (Jordan)

12015 AUSTRIA ORF: 0422-0504 EG M w/nx, tlk of Commies in Austria (Gorichanas 0535 GM M w/Wid nx, ID. F (Samuel 9/13).

12070 MONGOLIA RUB: 1220-1235* EG M w/discourse, Mongol mx, cntry on the nuclear arms race, tlk on the Soviet pipeline, ID. F (Jordan 9/30).

12110 CHINA R Peking: 2030 GB instrumental mx & annts. VP (Sams 9/30).

13725 ISRAEL RB: 2245-2035* HB annts, lite pop mx, HB W ancr w/ID, nx(Jordan) *0400 HB "Reshet Bet" pgm, religious opening, HB W w/nx, //11655(Munster

13745 ISRAEL KI: 2230-2300 EG nx, ID, letterbox pgm, "DX Corner(Jordan, Munster

13448 UNID 1626* Instrumental mx "Born Free", also 1725*. XInt! (Sams) Date?

14361 ARGENTINA Rivadavia-feed?: 0330-0425 2 SP M w/soccer game (Jordan 9/26).

15010 VIETNAM Vov: 1619 EG annts, SE Asian mx pgm (potorti-NV 9/18). 2020 SP tlk, new time for SP. VG (Woos). 2036-2042 EG W w/nx, ID, cntry(Gilster

15015n GREECE R Macedonia: 1949-2036 GK Instr mx, ID, not //Athens 15050, //15050 R Mac., F-G (Buer-FL 9/24, Potorti-NV 9/18).

15018+ GREECE ERT Thessaloniki: 2115 GK ID, lcl mx, drift fm 15015. VG (Wood).

15030n GREECE R Makedonias: 2030-2035 GK Instr mx, //15015 better (Buer-FL).

15045 GRNADA RFG: 2246-0011 EG nx by M&W, ag rpt, ID, TC, pop mx(4 rpters)

15050 GREECE VOG-Athens: 1920-2030 10-minute segments in various languages, EG nx & 1920. VG (Wilkins-CO 9/13). *2001 GK nx. F(Potorti-NV). 2040-2205 SP W w/nx, tlk of various LAM countries, ID by M, GK fay annts, VOG flute IS @ 2100, GK tlk by M&W ancrs, back to SP @ 2130 (Jordan 9/19

15060 SAUDI ARABIA BSKSA-HS: 1755-1830 ME instr mx, AR M ancr w/ID, nx(Jordan 0440 AR tlk by M, ID. F-G (Samuel 9/17).

15070 UK BBC: 2315 EG "Letter From America", Labor Day centennial. VG (Fraser).

15084n SAUDI ARABIA BSKSA: 1450 AR, "hajj ceremonies from Mecca, new fq., don't confuse w/Iran also here. During Hajj ran AR all night. Now S/off usually 2300*; VoIRI only heard here when skip distance increases. VG (Wood-Arab)

15084 IRAN VoIRI: 0450 Farid ranting & raving, ID. G (Samuel 9/17).

15110 INDIA AIR: 2049-2058 EG W w/ID, strange selection of mx, strongly accented EG annts (Jordan). 0103-0115* Lcl Indian mx, EG ID & fay(Wilkins

15110 BULGARIA Sofia: 0040-0100 Bulgarian folk mx, EG tlk abt Esperanto(Dick'n

15115 AUSPITALIA RA: 0700-0726 EG Wld nx, Aussie pop mx, Asian rpt (Sharpe).

15120 NIGERIA VonM: 1815-1900 EG W ancr, Afro mx, Wld nx @ 1830, cntry(Reid). 2150-2201* EG nx abt Nigeria, pop mx, NA, //17800 (Alexander-PA 9/25). 0705-0716 ID's, funky Afro mx, EG M ancr. F (Cobb-ME 9/11).

15125 TAIWAN VoFC: 2110 SP W w/ID, tlk w/mention of U.S. (Johnson-TX 10/3)

15135 BRAZIL R Record: 1800 ID, PT nx to 1810, ads. VG still in @ 2110(Bishop

15140 CHILE R Nac: 0123 ID's, pop/disco mx, F (Potorti-NV 9/24).

15145 USA WINB: 2350 EZL mx, ID @ 0000, religious pgm. VP (Alexander-PA 9/20)

15150 CHILE R Nac: 2330 SP futbol game. XInt. Am waiting QSL! (Fraser). hi!

15155 EGYPT Cairo: 1730-1736 Chimes @ 1730, annts in lang., G (Buer-FL).

15155 SOUTH AFRICA R.RSA: 2100-2156 EG "Africa Today", nx. F(Krist, Sharpe).

15160 SPAIN REE: 1745 AR tlk, anthem, s/off 1800*. VG (Wood-Saudi Arabia 9/27

15160 MEXICO XEWW: 1355-1916 SP nx, ads, EZL instr/vocal mx(Halsema, Bishop).

15165 DENMARK RD: 1858-2058* IS to 1900, EG/DN ID, DN pgms (Witzig 9/15).

15165 NORWAY RN: 2150-2215 EG nx @ 2200, ID, rpt of Beirut massacre (Cobb-ME).

15165 CHINA R Peking: 2235 ES tlk "Granda Popola Halo" w/portraits of Stalin, Engels, Marx, Sun Yatzen, Mao; VG //11515 (Wood 10/1).

15170 TAHITI Papeete: 0403-0630 TT W w/annts, nx, FR M @ 0600. G (Gorichanas)

15185 NIGERIA Von: 1000 S/on annts in SW, drums IS, ID, SW nx. VG (Wood 9/25)

15190 CONGO Brazzaville: 1800 FR W introducing tribal high-life mx (Witte-CA)

15190n PORTUGAL RP: 1510-1520 PT Sports event, ID. G (Buer-FL). 1728-1730 PT cntry, ID, anthem, S/off 1730* (Halsema 9/22).

15200 SEYCHELLES FEBA: 0340-0345 SW religious pgm to 0345, ID, G, //11810(Buer).

15220 CHINA R Peking: 1200 EG nx, cntry, G (Fraser-MA 9/11).

15220 SOUTH AFRICA R.RSA: 1512 TC, ID, fays, EG pgm of pop mx (Grenier 10/4).

15225 TUNISIA RT: 1845-1902 AR tlk, ME vocal mx w/annts. F-G (Buer-FL 9/11).

15235 JAPAN RJ: EG M w/Wld nx, pgm on economic association of SEAs(Halbert-CA

15235 PORTUGAL RDR: 1800 S/on, IS, chimes, PT pgms. G (Wood-Saudi Arabia 9/27

15255 AFGHANISTAN RA: 1140 M wailing, Urdu W w/brief tlk, ID & fays(Jordan).

15260 CHINA R Peking: 1233-1255* Army to SEAs, exptic vocal mx, oper mx(Jordan)

15270 FRANCE RFI: 2200-2230* New LAW svcs w/19min of nx & press rev followed by one song and a magazine pgm., //6085, 6140, 9790, 11955, 11965 & 11995 all audible. 15270 apparently replaces ancd 15285 (Pickard-IL 10/7).

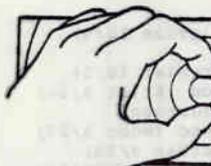
15280 SWEDEN RSI: 2110 EG tlk on Nordic conference. VG (Wood 9/27).

15290 BRAZIL R Bras: *0200-0300* EG "Sunday Special" w/tlk on Brazil's economy, martial mx, focus on a Samba artist, "Brazilian Rpt"(Krist, Witzig, Alcorn).

- 15300 UAE UAER: 0348-0358* EG pgn abt AR mx w/examples, ID. G (Buer-FL).
 15300 FRANCE RFI: *1600 EG "Paris Calling Africa", EG features. F (Krist-VA).
 15305 SWITZERLAND SRI: *0144 EG W w/ID, TC, "Dateline", Wld nx. VG (Krist).
 15315 FRANCE RFI: *1600 EG M&W w/Afro nx, FR pop mx, G (Reid-ON 9/11).
 15320 UAE UAER: *1615 EG pgn on Islam, nx //17775, 21655. VG (Reid-ON 9/11).
 15345 ARGENTINA RAE: 1955 EG/SP/JP S/off ID's to 1958*. VG (Wood 10/1).
 15350 JAPAN RJ: 2225 IS, 2230 IN S/on "Selamat pagi, Inilah R. Jepang"(Wood).
 15350 LUXEMBOURG RL: 2300 FR M dj w/rock/pop mx (George-TX 9/19).
 15375 EGYPT R Cairo: *1820-1832 test tone 1820-1829, bells IS to 1830, Qu'ran recitations. F-G (Buer-FL 9/11). 2115 chimes, march, EG nx. F (Wood 9/27).
 15395 SPAIN REE: 2115 SP tlk on railroads. VG (Wood-Saudi Arabia 9/27).
 15395 AUSTRALIA RA: 0716-0729 EG report from Asia. G (Sharpe-CA 10/3).
 15400 ASCENSION ISLAND BBC: 2115-2145 EG "Britain Calling the Falklands", EG nx, recorded messages from relatives (Wilkins-CO 9/5).
 15415 BRAZIL R Clube Ribeiro Preto: 0200-0235 Bras pop mx & ballads, PT M anc'r ads, "R. Clube" jingles. S/off to 0302* (Alexander-PA 9/25).
 15415 SWITZERLAND SRI: *1810-1816 IS, ID, EG to Afr. F, mix w/Libya (Buer-FL).
 15420 USA WRNO: 1310-1330 EG "Saints" football game w/ads. VG (Buer-FL 9/12) 1840 EG nx, ads, rock/pop mx. VG (Krist-VH).
 15430 SEYCHELLES FEBA: 1000* FR S/off annts: interesting transcription from Mulhouse in Alsatian accented FR. VG (Wood-Saudi Arabia 9/26).
 15430 USA Greenville-AFRTS: 2230 EG "All Things Considered", my favorite U.S. show, glad I can still here it in Saudi Arabia! G (Wood 9/27).
 15430 MEXICO RMI-XERMX: 0215-0235 SP M&W anc's, nx reports, ID's (Jordan).
 15435 GABON RFI-relay: 2000 FR tlk on poets from Africa. VG (Wood 9/26).
 15440 USA WYFR: 2120 EG sermon, WYFR is all over the dial here!(Wood-S. Arabia).
 15445 BRAZIL R Nac de Amazonica: 2205-0131 Bras MoR/pop mx, PT annts, ID, TC, "R. Bras" @ 2325, //11780. G (Alexander-PA, Jordan 9/12, Halsema 9/25).
 15455 UKRAINIAN SSR-RMW-S: Simferopol: 1708 EG nx. G, poor audio though(Halsema).
 15460 UZBEK SSR R Tashkent: *1200-1228* EG nx, cntry, "Mailbag". F (Krist).
 15474 ANTARCTICA R. Nacional Arcangel-San Gabriel: 2240-0031* SP W anc'r, ID's, Andean style flute nx, LAM pop mx, EZL nx, tangos, frequent taped ID's by W, SP M w/nx @ 0016, 0024 S/off annts w/sk'd, drum-rolls, NA & taps G-Xint w/deep fades. (13 reporters). Loh says the march is "Mil. Retreat" not taps by bugle @ S/off (ScW). (Sasual/).
 15485 NEW ZEALAND RNZ: 0530-1055 EG nx, wx, EZL & Jazz, ID(D'Angelo,Halsema,/
 15495 PAKISTAN RP: 0930 EG nx, not listed at this time. G (Wood 9/26).
 15505 QATAR QBS: 1905-1955 ME vocal nx, singing w/chants, AR tlk by M, into radio drama pgn., ID & AR M w/nx @ 2000, cntry @ 2010. G(Jordan,Pappas)
 15520 CHINA R Peking: *1200-1256* EG W w/nx, cntry, features(Bonnet,Jordan).
 15530 PAKISTAN RP: 1315 Urdu, film nx. VG (Wood-Saudi Arabia 9/27).
 15550 UKRAINIAN SSR Simferopol: 0121-0124 R. Peace & Progress ID, PT attack on US involvement in Lebanon(Halsema). 0246-0254 SP nx, //15465, F(Halsema)
 15615 ISRAEL IBA: 1225-1245 HB M w/interview, Icl folk nx, rock mx (Bolland).
 17620n FRANCE RFI: *1600-1657, time not changing this winter for "Paris Calling Africa". EG to Afr. VG (Wood-Saudi Arabia 9/26)
 17660 PAKISTAN RP: 1600 EG dictation speed nx; G but QRM de REE (Wood 9/26).
 17680 CHINA R Peking: *0000-0055* EG nx, ID, "Listeners Letterbox". VG(Krist).
 17690 EGYPT Cairo: 1530 Urdu, chimes IS, S/on annts, Wld nx. VG (Wood 9/27).
 17695 NETHERLANDS Rned: 2110-2120 EG "African Scene", interview (Alcorn 9/22)
 Since I moved to Long Beach I haven't been doing much DXing, but condx look good here on 49m around sunrise w/Tashkent noted in EG on 5945 with a Very Good signal. Needless to say, the job market is terrible, so I'll probably just go to school full time and work on my Graduate degree. Thanks to all the reporters this month, 73's *Steve*

NOTICE, PLEASE

Lt. Kevin M. Kuzal, 1525 Mesa Drive, Jacksonville, FL 32205 sent an extensive list of Military Surplus Communications equipment and other surplus equipment that he has for sale. This is mainly transceivers, RTTY equipment, Teletype equipment, etc. If you are interested in seeing the list, please write to Kevin for a copy.



LOG REPORTS

section E

17700 and above

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

- 17700 CHINA R Peking; 1745 EG, letter pgm by M & W (Halbert 9/11)
- 17705 USA VCA; 2220 IN, mx requests, vg (Wood 10/1)
- 17720 TAIWAN VOFC; 2120 EG, pol tlk, g (Wood 9/26)
- 17720nf BRAZIL R Nac; 2045 PT, "Reporter Brasileiro", into GM 2100, temp's, nx, vg with booming signal (Wood 10/1)
- 17730 USA VOA; 0138 EG, "Rpt to the Americas" pgm, exc (Krist 9/9)
- 17745 CHINA RP; 0135-0155* CH, tlk by W, mx, cmtry, ID 0155 (Bonnet)
- 17750 USA VOA; 2145 KO, mx, nx, g (Wood 9/28)
- 17755 JAPAN RJ; *2100-2119 EG, nx; mx, cmtry (Krist 9/20)
- 17765 USA AFRTS; 2008 EG, Cubs-Phila baseball, fair (Krist 9/8)
- 17770 GUAM TWR Agana; 2200 CH, IS, ID, good (Wood 9/28)
- 17770 OMAN BBC Eastern Relay; 1305-1311 EG, WS to Asia, nx, ID, cmtry, good; w/QSB & some adjacent splatter (Buer 9/11)
- 17795 AUSTRALIA RA; 0230 EG, pop mx, ID, //21740, 21720 (Alexander 10/3)
- 17810 PHILIPPINES FEBC; 0032-0059* EG, nx, mx, W anchr w/info on pgms, rel pgm (Cobb 9/30)
- 17815 BRAZIL R Cultura; 2327-2350 PT, ads, tlk, mx-instr; jazz, ant Sed Paulo, several ID's at 2329, good (Alexander 9/20)
- 17825 USSR RM NAM Svc; 2330-0030 EG, usual refrain, co-ch & above RJ for ECNA; freq formerly used by Sofia for LAM (Pickard 10/5)
- 17825 JAPAN RJ; 0200-0230 EG, nx, special features (Sharpe 9/19)
- 17825 JAPAN RJ; 2351 EG, nx, cmtry, fair (Krist 9/19)
- 17825 ECUADOR HCJB; 2130 EG, to Eur, new freq // old 21477.5; rel pgm, not good choice, too close to booming RCI 17820 (Wood 9/26)
- 17830 BRAZIL R Bras; *0200-0257* EG, pop mx, econ tlk, g (Bonnet 10/8)
- 0220 EG, Bras pop mx, mailbag pgm; //15290 (Alexander)
- 17830 SWITZERLAND SRI; 1630-1646 AR, nx, f, ir (Sharpe 10/1)
- 17830 SWITZERLAND SRI; 2350-GM?, nx, ID 0000 (Dickson 9/11)
- 17840 NORWAY RN; 1400 EG, King Olaf V's 25th yr of reign (Fraser)
- 17855 CHINA RP; 0125 EG, "China In Construction" pgm, vg (Krist)
- 17865 ECUADOR HCJB; 2140-2159* EG, "DX Party Line" (Krist 9/6)
- 17865 VATICAN VR; 1510 EG, to S Asia, tlk on St Francis, f (Wood 9/26)
- 17865 BULGARIA R Sofia; 1913-1932 EG, "Letterbox", nx, rock mx, IS 1929, into Eur lang (Lucas 9/19)
- 17870 USSR R Yerevan; *0230-0258* Armenian, into EG 0253, "This is Yerevan", nx, contest, ID and off; //15180 weak (D'Angelo 9/30)
- 17870 LIBERIA VCA; 1717 EG, "Niteline Afr" pgm, f (Krist 9/11)
- 1740-1755 EG, sports, mx (Saunders 9/24)
- 17890 ECUADOR HCJB; 0050 EG, "Passport", exc; //15155, 9745vg (Fraser)
- 0115 EG, "Passport", exc (Krist 9/9)
- 17910 QATAR CBS; 1523 AR, mx, 6 pips 1530, nx by M (Johnson 10/10)
- 17910t QATAR 1623-1705* AR, MEast vocals to 1630, followed by pgm of tlk and mx themes, time beeps 1700, nx w/ mnt Lebanon, Israel, s/off; I could not hear/understand any ID (Glikman 10/3)
- 17929.01 SAUDI ARABIA BSKSA; 1301-1520 Af, good signal often, but low audio level hiding under Libya 17930 (Potter 9/19)
- 17930 LIBYA SPLAJBC; 1645-1910 AR, pol speeches (Sharpe 9/17)
- 17940t PALMESTINE V of Sudanese Popular Revolution; (cf LN 9/82) 1516-1620* AR, chants, M East instr mx, speech by M, f-g (Jordan 9/12)
- 17940 UNKNOWN V of Sudanese Popular Revolution; (cf LN 9/82) 1345-1355 AR, wailing to 1348, tlk w/mnt of America, Israel, Palestinians, def IC 1352 ("...Sudaniya"); vry good, what site? (Buer 9/11)
- 18782 USA UN Radio; 1900-1930 in LSB, UN nx in FR & EG; at 1930 s/off says "broadcasting ... on 18782 KHz in the 15.97 mb" so should be considered a broadcast, not only a feeder; //21710, 15360, 15120; vg (Wood 9/30)
- 20600 USA WWV; 2035 EG, time pips, tc by M, CW CRM (Krist 9/20)
- 21465 EAST GERMANY RBI; *1415-1457* EG, nx, cmtry, g (Krist 9/18)
- 21465 FINLAND RF; 1620 FI, stock market, g (Wood 9/30)
- 21465 SAUDI ARABIA BSKSA; 1400 IN, nx of Hajj, poor mod (Wood 9/27)
- 21470 ASCENSION ISLANDS BBC; 1700 EG, wrld nx, Afr nx, exc (Krist 9/11)
- 21475 FINLAND RP; *1400 EG, nx, wx on "Northern Rpt", vg (Krist 9/18)

21475 FINLAND RF; 1208-1230 EG, "Northern Lights" pgm (Jordan 10/3)
 21475 FINLAND RF; 1445 Swedish, pol t1k, g (Wood 9/30)
 21475 FINLAND RF; 1507 EG, rpt on Tylenol poisoning (Grenier 10/5)
 21477.5 ECUADOR HCJB; *2129-2159* EG, "DX Party Line", good (Krist 9/20)
 21485 PAKISTAN RP; 1425-1500 Urdu, MEast vocal mx, t1k (Jordan)
 21485 PAKISTAN RP; 1600 EG, slow-speed nx, vg but poor mod (Wood 9/27)
 21515 EAST GERMANY RB1; 1708-1730 EG, nx, mx, cmtry, p (Jordan 9/25)
 21525 AUSTRIA CRF; 1230 EG, nx, Vienna Crch tour to US, vry good (Fraser)
 21560 ITALY RAI; 1830-1900 IT, IS, full opening ID, "Notizie d'Italia",
 sports, mx; daily pgm for Italians in Canada & NAM, good (Bolland)
 1570 SWITZERLAND SRI; *1529-1559* EG, nx, "SW Merry-Co-Round" (Krist)
 1575 NORWAY RN; 1505-1515+ NG/EG, rel svc, hymns, EG 1600 (Jordan)
 -1585 IRAQ RB; 1820 AR, ID, Umm Kalthoum songs; ID "Saut ul Jamsheer" or
 "Voice of the Masses"; hrd all day, vg but poor modulation (Wood)
 21590 AUSTRALIA RA; 1400 EG, s/on, Commonwealth Games special, sports;
 //17870; relay sound, so believe Carnarvon; vg (Wood 10/2)
 21595 PAKISTAN RP; 0223 Urdu, 0230-0245* EG, slow-speed nx (Potorti 9/25)
 0235-0245* EG, slow-speed nx by M, very weak (Alexander)
 21600 WEST GERMANY DW; *1230-1300 EG, world nx, sports (Jordan 10/1)
 21600 WEST GERMANY DW; *1500 EG, nx, press rvw on Afr, f (Krist 9/11)
 21610 JAPAN RJ; 2345 EG, nx, cmtry, sports (Halbert 9/11, Fraser)
 21615 USA WYFR; 1910 EG, "Unshackled" pgm, vg (Wood 9/26)
 21625 ISRAEL Kol Yisrael; *1354-1402 RS, trumpet IS to 1400 s/on, ID
 into t1k, severe jamming after 1400, good before; //25640 better (Buer)
 21630 UK? BBC; 1608 AR, nx by W, ID (Johnson 10/10)
 21645 SWEDEN RS; 1736-1735 Swedish, in USB, home svc, vg (Buer 9/18)
 21650 AUSTRALIA RA; *2058 EG, IS, nx, g (Wood 9/29)
 21650 AUSTRALIA RA; 0320 EG, rock mx, wx, //21660, 21740 (Halbert 9/9)
 21655 UAE Dubai; 1600 AR but 1622 check EG, M & W alternate reading
 econ history of Arabian Gulf area; //15320, 17775 fair but this
 ch a bit clearer (Johnson 10/10) *1615-1643* EG, "Arts and Crafts
 of Islam", nx, wx (Krist)
 21675 KUWAIT R Kuwait; 1702-1730 AR, nx to 1728, mx, f-g (Buer 9/18)
 21680 PHILIPPINES VOA; 1800 EG, nx to E Afr, f (Wood 9/30)
 21685 NETHERLANDS ANTILLES RN; 2110-2120 EG, mx request pgm (Dickson)
 21685 PORTUGAL RP; *1600 EG, IS, nx, vg (Wood 9/28)
 21700 NORWAY RN; 1445 NO, IS, wx, CRM Sweden 21700 (Wood 9/30)
 21700 NORWAY RN; 1611 (lang??), t1k on King of Norway's visit to Texas
 followed by a popular mx pgm ; //21575 much better; poor (Johnson)
 21705 NORWAY R Norway; *1800-1830* NG, EG, mx & ID's in EG (Donnet 10/9)
 21710 UK BEC; 1600-1620 EG, nx by W, mx; //15260 better (Witzig 9/27)
 21740 AECENSIGN ISLANDS BBC; 1625 EG, to Afr, nx, g (Grosvenor 9/14)
 21740 AUSTRALIA RA; 0130 EG, jazz mx, "Midway" pgm, nx, fair (Krist 9/2)
 0130 EG, mx, world nx, off at 0400 (Reid 10/1)
 21780 SPAIN REE; 1355 SP, sports, vg (Wood 9/26)
 21840 USA VOA; 1336 EG, Spanish Heritage mx, f (Krist 9/18)
 21840 USA VOA; 1745 EG, pgm on drugs, g (Grosvenor 9/14)
 25284h ALBANIA Gjirokaster; 0920 Albanian, pol t1k, 5x5057a (Wood 9/26)
 25790 SOUTH AFRICA R RSA; 1319 EG, "The World Around Us" pgm (Krist)
 25790 SOUTH AFRICA R RSA; 1400-1515 EG, nx, "South Afr Today" (Witzig)
 25800 USA VOA; 1710-1715 Swahili, nx, sports, ID (Halsema 9/10)
 25850 DENMARK RD; 1300 Danish, nx, wx, folksongs, hrd daily (Wood 9/26)
 25880 USA VOA; 1716 RS, rock mx, nx, g w/ jamming in backgnd (Halsema)
 26000 USA VOA; 1600 EG, nx, vg (Wood 9/28)
 26000 USA VOA; 1750-1911 EG, nx in Special EG, mx, requests (Sharpe)
 26040 USA VOA; 1750-2040 EG, "Afr Sounds", "Sports Line", "Niteline Afr"
 pgms, //26000 (Sharpe, Krist)
 26050 BELGIUM BRT; 1150 Dutch, Flemish pops, ID, //21810 (Wood 10/1)

Any contributions to this column are always welcome. Any questions or comments can be directed to ye editor. Let's see some more new members' loggings next month. Give it a try -- it's easy!

73

(Note: Contributions from Richard S. Wood are from Abha, Saudi Arabia)

LOG

REPORTERS

FRENDX

Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

Contributors to this month's Log Reports are:

Sam Alcorn, Morrisville, PA (DX-200); Brian Alexander, Mechanicsburg, PA; Paul Basta, Santa Monica, CA (FRG-7700, R-600); Jeff Biller, East Brunswick, NJ; Gerry Bishop, Christiana, PA (ICF-2001, DX-160); Charles Bolland, Lakeworth, FL (FRG-7000, DX-160); Arthur Bonnet, West Lafayette, IN (DX-302); Ken Briscoe, New Albany, IN (RF-2900, Transoceanic); Paul Buer, Miami, FL (SPR-4); Michael Calderwood, Denver, CO (FRG-7); Ken Cobb, Portland, ME (RF-4900); Vladimir Cucura, Reading, PA (FRG-7, R-7); Richard Dickson, Loveland, OH (DX-302, XCR-30); Marlin Field, Hillsdale, MI (SPR-4); Bob Fraser, Cohasset, MA (XCR-30); Paul Gilster, Raleigh, NC; Sholom Glikzman, Chicago, IL (R-4C, RF-2800); Tim Gorichanaz, Greenfield, WI (DX-302); Pete Grenier, Azusa, CA (FRG-7); Norman Grosvenor, Hollywood, CA (FRG-7); James Halsema, Glenmoore, PA (ICF-6700W); Hans Johnson, Austin/Kingswood, TX (RF-2200, FRG-7000mod); Jack Jones, Jackson, MS (R-600); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); Fred Kohlbrenner, Upper Darby, PA (DX-300); Kraig Krist, Falls Church, VA (FRG-7700); Henry Lazarus, New Orleans, LA; Chris Lobdell, Stoneham, MA; Ken Loh, Phoenix, AZ (FRG-7mod); Rick Lucas, Stockton, CA (R-1000); Gilles Michaud, Laval, PQ (FRG-7mod); Kevin Mikell, Park Ridge, IL (RF-4800); Nathan Murff, Albuquerque, NM (FRG-7); Ralf Munster, Decatur, GA; Dan Nalbert, Berkeley, CA (R-600); Nick Pappas, Fairless Hills, PA (SPR-4); Wilder Pickard II, Evanston, IL (R-7, XCR-30); Jim Posporellis, Troy, NY; Bill Potorti, Reno, NV (NRD-515); Martin Potter, Limoges, ON (R-4C, SB-310); Robert Rankin, Lawrence, KS (R-7); Andy Reid, Peterborough, ON (S-53A, DX-60); Steve Reinstein, Miramar, FL (RF-4900mod); Lin Robertson, San Diego, CA (R-390A); Mitch Sams, Farmington, AR (FRG-7); Chris Samuel, Winnipeg, MB (RF-2800); Don Saunders, East Brunswick, NJ (FRG-7700); Bryan Sharpe, Castro Valley, CA (DX-302); Nolan Stephany, Williamson, NY (R-392); Dave Valko, Dunlop, PA; Steve Wallace, Lewistown, PA (R-4B, HQ-150); John Wilkins, Wheat Ridge, CO (R-1000); Robert Wilkner, Fort Lauderdale, FL (SW-4A, FRG-7700mod); Marge Witte, Torrance, CA; Eric Witzig, Annandale, VA (R-1000); Richard Wood, Abha, Saudi Arabia (R-7, R-1000).

The deadline for reports is the 12th of the month, unless contributions are sent direct to a particular column editor. Loggings should be submitted on FRENDX log slips or a reasonable facsimile and should be cut apart to help with the distributing and editing.

As you have no doubt read elsewhere in FRENDX, I have been elected Executive Secretary of ANARC and, therefore, must give up my post as FRENDX Distributing Editor. My last day at this post will be December 13 when I mail off the loggings for the January 1983 issue of FRENDX. Loggings for the February issue should go to Nick Pappas of Fairless Hills, PA.

73 de tc.

Terry

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Realistic DX-302, Two years old and in excellent condition. Price \$250.00 plus shipping costs. ALSO: Yaesu FRG-7, two years old and in excellent condition but minus DC plug. Recently completely aligned. Price \$200.00 plus shipping costs. Donald E. Stidwell, 6508 Eberle Drive, Apt. 101, Baltimore, MD 21215. Phone (301) 358-6406 after 0000 GMT any day.

FOR SALE: Drake R-4B with crystals and manual. Excellent condition. Will demonstrate. Serious inquires only, please. Price \$340.00, but cannot ship. Rig must be picked up. ALSO: Mizuho SX-59 Preselector, unused and in brand new condition. Price \$55.00 ppd. Will ship anywhere. WANTED: Gilfer M-1 Multi-Tuner. Must be in excellent condition. Call Herb Shatz at (212) 275-9215 until 0300 GMT. Located in New York City area.

FOR SALE: Grundig SW Converter KXV 1000 for car radios. Covers 13 through 90 meter bands. Like new. Price \$85.00. Robert Overmyer, 3673 Pearl, Monroe, MI 48161. Phone (313) 289-4293.

WANTED: Trying once again to fill in the gaps in my WRTH collection. Can I buy your 1969, 1964, 1958, 1953-55, or 1951-and-earlier editions? Will consider any condition--try me! Also interested in upgrading my copies of years not listed, so if you 1973 edition which didn't self-destruct due to famous glue job, or extra-fine pre-1973 copies, please advise. Ralph W. Perry, 1001 Fuller-Wiser Road, Apt. 222, Euless, TX 76039.

FOR SALE: Back issues of "International Listener" magazine, January, February, March, and April of 1976. Price \$4.00 for all four issues. ALSO: Sharp EL-7001 electronic calculator with typewriter and memory - a great unit for storing important SW addresses. Price \$50.00. Unit is unused and in original boxes. Edward J. Pyatt, Morehouse College, Box 116, Atlanta, GA 30314.

FOR SALE: HQ-180C, \$225.00. Collins R-388, \$300.00. Drake SW-4A, \$95.00. All in good condition. Shipping included in U.S.A. George Sherman, Box 2284, Minneapolis, MN 55402. Phone (612) 588-2618 from 1500 to 0400 GMT Monday to Thursday.

HELP WANTED: I am a new member of NASWA and I'd like to invite members in the Elizabeth, NJ area to contact. I need help in getting the best out of my Drake R-7 receiver. Donato Sardone, 622-B Clarkson Avenue, Elizabeth, NJ 07202. Phone (201) 527-8669 from 3 am to 2 pm.

FOR SALE: Yaesu FRG-7700, new in original carton with manual. Price \$375.00. ALSO: Yaesu FRG-7700 in factory sealed carton, FRT-7700 antenna tuner, FRV-7700-F converter, both intact. Price \$550.00. M.N. Aboobucker, 2130 Park Ave., Apt. 20, San Jose, CA 95126. Phone (408) 243-8287.

FOR SALE: Kenwood R-1000 less than one year old and in mint condition with original packing. Price \$300.00, shipping included. Cashiers check or money order. David Potter, P.O. Box 1363, Bradenton, FL 33506.

FOR SALE: Dymek DR-22 ModC and DA-1000 antenna system. Original owner giving up hobby. Equipment is in mint condition. Price \$700.00! Bill Zeitler, 1307 Quincey Drive, Wilmington, DE 19803. Phone (302) 478-9173.

FOR SALE: Drake SPR-4 in mint condition. Original carton and manual. Purchased in Jan. '77. Extra crystals for Tropical bands. 9.0-9.5 MHz, and CB band. Price \$350.00 ppd UPS. Michael Light, 47 Green Lane, Levittown, NY 11756.

FOR SALE: Space Commander, GS 8008 DX, 12 band SW receiver, portable, with VHF 1-5, UHF, AM, FM, LW, SW 1-4, with digital readout, RF gain, antenna adjust, narrow/wide selector, USB/LSB, CW, SW calibrator with three antennas. Receiver is in new condition, only three months old. Price \$275.00. Will ship free. Mel Ragucci, 215 Tiki Drive, Merritt Island, FL 32952. (305) 452-2502.

FOR SALE: Drake SPR-4 with MS-4 speaker, calibrator, QF-1 audio filter, extra crystals and manual. Excellent condition. Price \$300.00, shipping included. Robert A. Yajko, 123 Summit St. RD #4, Leechburg, PA 15656. Phone (412) 842-8202 between 2100 and 0300.

FOR SALE: SONY ICF-6700, two years old, used as back-up receiver. Infrequent bandswitch problem. Original packing and manual. Must sell. Price \$225.00 including shipping. Mike McKinstry, 1326 South George Mason Drive, Apt. B, Arlington, VA 22204. Phone (703) 521-0915 after 0100 GMT.

HAP THANKS: We at HAP thank the following individuals for donations during the past few months: Bill Oliver, Don Johnson, Gerry Bishop, Dale Park, Al Mongeau, Chuck Connell, Bob Yajko, Steve Knudde, John Fisher, Mark Warner, Rich Lucas, Carl Mann, Tom Mooringham, Rich Clearman, Dave Kimmell, Bill Campbell, Charlie Hoffman, Pat Murray, Bob Curtiss, Mike Jeziorski, H. Miller, Paul Buer, Gordon Darling, Bob Fisher, Tom Laskowski, Ron Howard, Rob Harrington, Tom Haskett, Bob Wirrell, Paul Mount, Vlad Cucura, Leslie Byron, James Tedford, Roger DeRoy, Gregg Bares, Don McCants, W. Herbst, Gilles Michaud, Mark Schlesinger, John Kapinos and Pierre Ducos.... If any of you out there has have excess items such as stickers, decals, pennants, etc. we sure could use them....Sam.

HAP BID WINNERS: R. Kramer(667,699,701,725); D. Cox(668,697,707,719,721); I. Grant(666,687); K. Krist(663,709); M. Camillo(661,676,677,712,720,727); C. Vickers(671,722); C. Connell(702,703); M. Kuehn(678,700); R. Lavoie(657,682,714,715); C. Mann(713,723); B. Wien(675,679); M. Schlesinger(681); J. Miller(705,706,718); A. Oksenoff(684); E. Newlon(683); K. Chatterton(686,688,689,690,692,695,696,708); D. Hoemer(726); P. Ducos(716); and M. Henrie(717).... Thank you very much gang!

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five (5) for \$1.00. New since last issue: Radio Sweden International, WSAI, WAMA, WMET, KSAN, KFRC, KAZM, WGLB (gold), WGLB (silver), WJNC, KYKS, KBOI, Radio RSA, Radio Budapest, KOKE, KWIP, KCPX, KLRZ, KLEF, Radio Exterior de Espana. We also have the following to offer at the same prices: KSSS, Radio Avon, KMFB, Radio Orwell, Radio Forth, Radio Trent, KEX, Radio Medway, Radio Nederlands, KKDJ, KOME (black), KOME (yellow), WLRN, WDOM, KCUZ, WLLZ, KLZ, KSIR, Radio Canada International, PCH, KTKX, WKYX, KJB, KCOL, KKFJ, CKLG, WCFM, KILX, ABC-FM Perth, Radio Tees, Radio France International, HCJB, BBC-World Service, IZB, ORF, 6KY, Swiss Radio International, 6WF, 4CG, CKRW, WJVA, WLPX, KATC, KBDE, KBDF-1280, KWAX, Radio Aire, WMMR, WMET (small), KHFI, WIRE, WQME, WLUP, WINS, WPLR, KROY, WYSI, WWSW, WHAL, WCFL (large), WCFL (small), WDET (large), WDET (small) and KSXP.... We also have the following items at \$.50 each: Capital Radio (circular), Capital Radio-194, CFOX, 4ZA, Capital Radio (orange), Radio Tay, 2YB, KVET.

HAP BID ITEMS: ITEM #70: Radio Caroline (Euro Pirate) decal (1.5x12") red, white, blue. #71: Radio London (Euro Pirate) paper banner (3x10") black, yellow. #72: Radio Scotland (Euro Pirate) paper banner (3x13") blue, white. #73: Radio Caroline paper banner "Meet us on 390 meters" (2x14") red, white, black. #74: SERCANO (Central American Radio Network) sticker (2x8") featuring 6 different stations from 6 different Central American countries all on one sticker!!! #75: KYA/KLHT pen, B&W-nice! #76: KAZM key chain, gold, red. #77: KYUU 1982 station calendar - over 4' long!! #78: KIFM "Rainbow" decal (4.5x6") m/c. #79: KIFM T-Shirt (M) m/c-nice! #80: Radio 210 decal (4.5"x12") red, white, gray. #81: ESPN (24 hour sports cable network) frisbee (9"cir) red, white-sharp! #82: ESPN pen, red, white-really nice! #83: ESPN metal badge (1.5"cir.) red, white. #84: Radio Korea cloth pennant (3.5x6") new variety, blue, red, black. #85: Radio Korea sticker (3.5x5") m/c-one of the most colorful I've seen! #86: ESPN stickers, 2 different, red, white. #87: KTE Radio 2 (Ireland) paper hat, m/c. #88: CBLPT-TV 40 (Canada) metal badge (3"cir) green, white, blue. #89: FEBC (Philippines) paper pennant (4x8") red, B&W. #90: Voice of Asia (Taiwan) cloth pennant w/ frill (6x9") m/c-beautiful! #91: BRT (Belgium) cloth pennant (5.5x10") red, black, yellow. #92: Voice of Free China (taiwan) paper pennant (3.5x6.5") blue, B&W. #93: RAI (Italy) cloth pennant (6x11") m/c. #94: KIWR (Guam) paper pennant (3x8") yellow, black. #95: Radio Casino (Costa Rica) cloth pennant (4x8") green, white. #96: Radio Bucharest (Romania) cloth pennant (4.5x7") blue, white, purple-nice! #97: KMAI (Hawaii) very large m/c calculator poster-very sharp!! #98: WCFL T-Shirt (S) m/c. #99: WCFL T-Shirt (M) m/c. #100: WLUP "Rock on Chicago" T-Shirt (S) B&W-nice! #101: WBUR T-Shirt (M) blue. #102: KINK "Tomato" double sided poster, m/c-really sharp! #103: KINK "Gorilla" double sided poster-nice! #104: CBC 50th Anniversary poster-large, brown, white, gold. #105: Radio Canada International poster, very large, m/c. #106: Radio Waikati (New Zealand) sticker (1.5x3") rare! orange, black. #107: CKCE (Canada) sticker (3.5x9.5") black, yellow-very nice! #108: KIVI-TV plastic litter bag m/c. #109: KBOI "Bronco Mania" iron-on T-Shirt decal, m/c. #110: KL0L reflective sticker (3.5x12") red, white, silver. #111: KYLO sticker (4x7.5") silver, black-sharp!! #112: CBQ (Canada) metal station badge (2"cir) red, white, blue-really beautiful!! #113: NMR USCG Radio (Puerto Rico) station pen-rare! #114: Radio Exterior de Espana (Spain) 1982 "World Cup soccer poster, very, very large! m/c. #115: Radio Exterior de Espana "World Cup" soccer sticker m/c. #116: RNE (Spain) cloth pennant (5x8") m/c-very nice! #117: Radio Nacional de Espana "World Cup" sticker, m/c. #118: 4GG (Australia) metal badge (2"cir) red, white. #119: Metro Radio (UK) metal badge (2"cir) red, white, blue.

ADDITIONAL DIRECT SALE ITEMS: The following items are available are available at the quoted prices: WNON ice scrapers \$.50; CBC Southwest Ontario plastic litter bags \$.50; 2GB balloons \$.25; KLOS balloons \$.50; and WBZZ plastic ID cards \$.25; also KCRG plastic card \$.25; KBOI paper hat \$.75; "Listen to The World on Shortwave Radio" bumper sticker at \$1.00..... The following B&W mini-posters are \$.25 each or any 5 for \$1.00! SUV, Voice of Syncom, Radio Fil Rose, Radio Caroline, Radio West, Radio London, Radio Duomo (car), Radio Duomo (woman).... The following metal station badges are \$.50 each: KZAM, CFTK, Radio Forth, CFTR, CFTR "Blues Brothers", WLPX, Radio City, WMET, WMMR, and WLUP.

ADDRESS: Remember our new address: Sam Barto, 489 King St., Bristol, CT, USA 06010
Send all of your orders for direct sale items and bids to the above address....Sam.

NASWA MEMBERSHIP FEES:

| | |
|---|------|
| First Class North America | \$16 |
| Overseas, Surface Mail..... | \$16 |
| Airmail to Central America, Caribbean, South America, Europe..... | \$25 |
| Airmail to Asia, Africa, Pacific..... | \$28 |

All remittances must be in U.S. funds and mailed to: NASWA, P.O. Box 13, Liberty, IN., 47353, U.S.A.

Update: Besides FRENDX, 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 FRENDX). It is only available to NASWA members. "UPDATE" SUBSCRIPTION RATES PER YEAR:

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

Sample copies of FRENDX and UPDATE are available for \$1.00 in N.A.

| | |
|---------------|--------|
| Overseas..... | \$2.00 |
|---------------|--------|

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

BUSINESS MANAGER & TREASURER · Mac Leonhardt, P.O. Box 13, Liberty, IN 47363

SHORTWAVE CENTER · Christian P. Hansen, 2825 Webb Ave. Apt. 5-F, Bronx, NY 10468

LISTENERS' NOTEBOOK · Glenn Hauser, Box 6287, Knoxville, TN. 37914-0287

QSL REPORT · Sam Barto, 489 King Street, Bristol, CT 06010

UPDATE EDITOR · Tom Alleman, 615 43rd Terrace, Apt. 6, Kansas City, MO 64111

DISTRIBUTING EDITOR · Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

LOG REPORT (A) · Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

LOG REPORT (B) · Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

LOG REPORT (C) · Peter Schipelliti, 31 Beaverbrook Road, Burlington, MA 01803

LOG REPORT (D) · Steve Wiseblood, 1340 Junipero Ave. Apt. 4, Long Beach, CA 90804

LOG REPORT (E) · Brett Saylor, P. O. Box 10, Whitehall, PA 18052

SCOREBOARD · Jerry Lineback, 115 Wroxtton, Conroe, TX 77304

AWARDS CHAIRMAN · Dan Henderson, 7921 Anfred Drive, Laurel, MD 20810

COUNTRY LIST CHAIRMAN · Don Jensen, 5204 70th St., Kenosha, WI 53140

U.K. REPRESENTATIVE · Alan Thompson, 16 Ena Ave., Neath, W. Glamorgan, Great Britain SA 113AD



JOHN G. KAY
 105 STRATFORD LANE
 MANOVER PARK, IL 60103
 [6]

FIRST CLASS MAIL

AMERICAN SHORTWAVE ASSOCIATION
 45 Wildflower Road
 Levittown, Pennsylvania 19057

FIRST-CLASS MAIL
 U.S. POSTAGE
 PAID
 Levittown, Pa.
 Permit No. 319