

FRENDX

日本語の番組

世界各地で活躍する日本人のために、ラジオ日本ではジェネラル・サービス、「中南米・北米西部・ハワイ向け」「南米向け」の各送信で、週57時間45分におよぶ日本語番組を放送しています。

まず、ジェネラル・サービスですが、ここではニュース・解説など報道番組が主に編成されています。選挙などの重要問題には特別番組を組むなど、内外の情勢の動きに即応して、機動的なニュース報道ができるようになってきました。また、NHKのラジオ第1放送の番組をジェネラル・サービスでそのまま同時放送することがあります。たとえば、昨年11月23日、勤労感謝の日特集のナマ・ワイド番組「これがラジオだ」のうち2時間50分を「電波は世界を結ぶ」と銘うちラジオ日本を通じて世界に放送しました。海外の聴取者も、国際電話、船舶電話などで番組に参加し、大変好評を博しました。



Interval signal music "Kazoe Uta".



RADIO JAPAN



JANUARY - FEBRUARY, 1982

After an absence of almost a year, the "Roll Call" page returns to FRENDX. Many had expressed interest in knowing who our new members were and where they are located. For those and other interested parties, we bring this feature back to FRENDX.

- ALEMAN, Jose, New York, NY
 AMEND, Paul, Portage, WI
 ANTHONY, A.S., Salisbury, Zimbabwe
 ARTKE, Calvin, Brooklyn, NY
 BARTH, Ofer, Haifa, Israel
 BLIXT, Scott, Crystal, MN **
 BRAND, Kenneth R., Winchester, VA
 BRANDT, Richard A., Lady Lake, FL
 BROWN, Robert A., Dartmouth, N.S.
 CAMPBELL, David, Billings, MT
 COLE, F. William, N. Cape May, NJ
 COOMBS, Paul R., White Bay, Nfld.
 CRON, Edward, Los Angeles, CA
 CURRIN, Mark, Bristol, TN
 DABELSTEIN, Carl W., Overland Park, KS
 DAVIS, Quentin R., Clarksville, IN
 DECKER, Tom, Breckenridge, CO
 DeSANTOS, Robin K., Columbus, OH
 DLUSKY, Richard, Romulus, MI
 DOMIN, Karl, Pittsburgh, PA
 DOTZOUR, Gordon & Betty, Wichita, KS
 DRAKA, Jan, Hartford, CT
 DUFF, Robert P., Mattapoisett, MA
 ERVINE, Jerry, Hidalgo, TX **
 EWING, Dave, Carbondale, IL **
 FARIS, Charles, Ambridge, PA
 FERRELL, James M., Richmond, VA
 FERRELL, Woody, Springfield, VA
 FLANNAGAN, Melvin, Charlottesville, VA
 FORD, William F., Jacksonville, AR
 GALLAGHER, Gerard B., Oak Brook, IL
 GERAGHTY, Shaun, Gaolgate, England
 GLADDEN, Robert W., Wheeling, WV
 GRANGER, Adam, Minneapolis, MN
 HARRIS, Stanley W., Belmont, CA
 HATHAWAY, Joel F., Massillon, OH
 HERR, C.R., Philadelphia, PA
 JAMISON, Capt. Danny G., Ft. Bragg, NC**
 JOHNSON, David, Orofino, ID
 KILGALLON, Bill, Warren, MI
 KIMMELL, David, Nepean, Ont.
 KJELSEN, Robert, Lindenhurst, NY
 KLASSMAN, Larry, Wilmette, IL
 KLATT, Bernard, Santa Clara, CA
 KLEWCHUK, W.J., Wadena, Sask.
 KREUZINGER, William D., San Pablo, CA
 KRIST, Kraig W., Falls Church, VA
 MAHER, Michael L., W. Terre Haute, IN
 MALICK, David P., Kensington, MD
 MARTIN, Randy, Riverdale, IL
 MATAS, Jonathan E., Milford, NJ
 MELLBERG, Fritz, Zion, IL
 MEYER, Ernest, Philadelphia, PA
 MONTEVERDE, Tom, New Orleans, LA
 MUEHLBERG, Jim, Minneapolis, MN
 NORLING, Hans, Crete, IL
 NIXON, P.K., Raleigh, NC
 NIZAMI, Lance R., Toronto, Ont.
 O'HARA, Peter A., Vineyard Haven, MA
 PAPS, John, Allen Park, MI
 PAUL, Julien, Fall River, MA
 PERLMUTTER, Bruce, Lebanon, PA
 PIPER, Glen, Rochester, MI
 POWERS, Bob, Monroe, LA
 RAMOS, Humberto, Burnaby, B.C.
 RICKMAN, Gerald, Northcliffe, Austl.
 SANATA, Hisao, Osaka, Japan
 SCHAAB, Robert M., W. Long Branch, NJ
 SCHAUB, Randall G., Portland, OR
 SCHEUNEMAN, James H., St. Paul, MN
 SCHNEIDER, Michael C., Cincinnati, OH
 SCHOONE-JONGEN, Robert, Edgerton, MN
 SEYFRIED, Chet, Elmont, NY
 SHRIDHARANI, Vasant, Plainview, NY
 SLOWEY, Robert, Park Forest, IL
 SMITH, Christopher A., Stratford, CT
 STAHL, Martin L., Boone, NC
 STREETER, Robert, Schenectady, NY
 STRICKERT, Mark, San Francisco, CA
 SUTKUS, Don, Oak Forest, IL
 TENNANT, Ralph, Alvy, WV
 THATCHER, Dr. Wayne L., Cambridge, OH
 THIBAUDEAU, Leo, Charlesbourg, P.Q.
 THUNMAN, B.A., Augusta, MI
 TOMURA, Takaaki, Tokorozawa, Japan
 TURNER, Dr. James E., Winston-Salem, NC
 VERNETTI, Rita M., Marshall Islands **
 WHITE, L.A., Jr., Amarillo, TX
 WHITNEY, Jason, Prince George, B.C.
 WILDMAN, James, Cape Elizabeth, ME

** Welcome back to NASWA after a short absence!

THE NEXT ROLL CALL PAGE WILL APPEAR IN THE APRIL, 1982 FRENDX

As you can see on the facing page, Roll Call has returned to FRENEX. Present plans are to include it every second month.

"SCOREBOARD", which had been scheduled for this month, will appear next month instead. I had to make this temporary change because of space limitations.

Two change-of-addresses: "Scoreboard" editor Jerry Lineback has moved to 115 WROXTON, COMROE, TX 77304 and Log Report "E" editor reports that his new address is P.O. BOX 10, WHITEHALL, PA 18052.

* NASWA TROPICAL BANDS GUIDE: From 2000-5900 kHz. Five years of North American reporters Log Reports combined. Save hours spent checking back issues - now you can see all possible stations on a frequency at a glance on one list, even harmonics. NASWA TBG has all needed info by frequency - exact frequency including variations, reception rarity guide for NAM, country, station name, city, check spaces for "Heard/QSLed/taped", fade in/fade out or exact S/on and S/off times including variations, languages, miscellaneous notes, introduction with abbreviations guide, etc. Now available at \$3.00 in US/Canada/Mexico, \$4.00 elsewhere. George Sherman, Box 2284, Minneapolis, MN 55402.

* NOTICE: The International Listening Guide is available through me at the rate of \$4.75 in US\$ for the four yearly issues (May, Sept., Nov., March) and \$4.90 in Canadian \$. A sample copy of the March 1982 edition is available for \$1.25 in the US, \$1.35 in Canada. Checks or Money Orders should be payable to Rob Harrington-For International Listening Guide. The March issue will be available March 24th, 1982. Rob Harrington, ILG NA Representative, P.O. Box 3434, Littleton, CO 80161-3434.

FOR SALE: BC 100 programmable handheld scanner, never used and in original box. Price \$360.00. ALSO: Regency Aircraft Scanner (Model TMR-8A) with crystals, \$35.00. Ralph Stern, 1264 Opal Street, San Diego, CA 92109. Phone (714) 488-4553.

WANTED: I would urgently like to borrow cassette tapes of the NPR/BBC "Lord of the Rings" production. The episodes I need are 1 through 6, 8 and 13. I will reimburse the postage costs and return the tapes promptly. Dean Rekich, RD #1, Prospect, PA 16052.

FOR SALE: Panasonic RF-2900, Panasonic RF-085, Sony ICF-S5W and a Ten-Tec Model #227 antenna tuner. All in good condition. Best offer for each. Charles Sanders, P.O. Box 12628, Knoxville, TN 37912 for more information.

FOR SALE: Sony ICF-7600W portable receiver with 5 shortwave bands. The radio is only as big as a paperback book - great for SWling on trips. In excellent condition, with AC adapter, \$75.00. Barry Frajer, 2131 Wallace Avenue, Bronx, NY 10462. Phone (212) 828-3255.

FOR SALE: Collins R-388. Price \$275.00. Wallace Johnson, RR #1, Dent, MN 55528. Phone (218) 758-2684.

FOR SALE: Sony ICF-2001 in excellent condition, complete with AC adapter and manuals. Owner needs cash to buy FRG-7700. Price \$135.00 plus shipping, Mike Levintow, 2829 Connecticut Avenue, #712, Washington, DC 20008. Phone (202) 387-4312, not collect.

FOR SALE: Drake SW-4A covering MW and International SW bands. Five kHz read-out due to wide selectivity, has 1 kHz dial markings. Normally about \$200.00 used but has rust on chassis so only \$125.00. Works good. George Sherman, Box 2284, Minneapolis, MN 55402. Phone (612) 588-2618, not collect, 1600-0400 GMT weekdays.

WANTED: Matching speaker and cabinet for Hammarlund HQ-180AC. Also looking for front panel for HQ-180 or HQ-100, but do not need a working receiver. I am building an accessories panel and want it to match the HQ-180 in front end appearance. Serge Peter Neumann, 13811 North 37th Way, Phoenix, AZ 85032.

shortwave CENTER

A Chronicle of DX Articles,
Interviews, and Opinion



Gerente: John J. Moritz Jr., 4779 Pine Trace, Youngstown, Ohio 44515

MARCH 1982 EDITION

Amigos mios! Welcome this round to Ed Shaw, who will be editing a technical topics and equipment review section for me for SWC. It took some pleading, nee begging, on my part, but Ed finally gave in and took me up on my offer and suggestion to do it. I am happy to welcome him into SWC, to join Al, Bill, Dan, and myself in giving you the finest the hobby has to offer today. A quick reminder on how we intend to do this; matters of a technical nature, especially questions, should be sent to Ed. Matters concerning vintage radios, and questions about them should be directed to Bill Taylor. All criticism of SWC should be sent to Al Sizer, hi! Seriously, Al will welcome your comments about any of the matters he writes about in his mini-section. Criticism of SWC as well as your articles, comments, and suggestions should be sent to me. If some of you have sent in articles and have not seen them published yet, please hold onto your radio dial and wait a bit longer. Space is tight, and the waiting list is lengthy, but they will make it into print! This does not mean you should not send in your articles to SWC. Please keep up the fine support you have shown me in the last number of months. Just for the heck of it, and because I am listening while I type this up, the latest things spinning on the turntable at this QTH are "Ghost in the Machine" by the Police, Paradise Theater by Styx, Pretenders II, and a replaying of the Beatles "Let It Be"! How about you? Send me your current list and we just might throw it into SWC!

U.A.E. RADIO IN DUBAI - EXTERNAL SERVICES

submitted by LESLIE BYRON

The shortwave transmitting station for the external services of U.A.E. Radio is located in the desert 42 kilometers from the modern city of Dubai. It is reached along a narrow tarmac road through the rolling sand dunes. Sometimes driving out to the site in the early morning through a heavy ground mist is counterbalanced by driving back in the late afternoon through a blinding sandstorm.

The three high-frequency transmitters are the Marconi type BD6124 with a carrier output power of 300 kilowatts on the high-frequency broadcast bands from 3.95 MHz to 26.1 MHz. The three transmitters, with the offices, workshops and stores, are housed in a large modern building fully air-conditioned against daytime temperatures as high as 50 degrees Centigrade in the summer. They are also protected against the sandstorms that blow up in the desert by oilbath filter systems. Ringing the building are the antenna curtain arrays fed from a remotely controlled switching matrix to switch any transmitter to any array. The whole installation is controlled from a centrally screened control room using a computer system which remembers all the schedule changes -frequency, array, and program source against time- and switches arrays and transmitters accordingly. In fact a transmitter can be rescheduled in less than 30 seconds.

There is a total of 15 Marconi four-band, folded dipole, curtain arrays with fixed wire screen reflectors. Each array can operate on four adjacent shortwave bands and the radiation pattern can be slewed + or - 30 degrees. Remember that we QSL 100%!



VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

THE BIRTH OF SHORT WAVES

In examining the uses to which the experimenters have employed the radio frequency spectrum, one finds that a general rule applies. With the exception of Edison's work on incandescent lighting, radio experimenters have begun with the longer wavelengths and progressed on to the shorter ones as experimental bands were approved. The wavelength of experimentation was shortened in direct proportion to an inverse of the cube of the years between 1900 and 1940. This increase of frequency and decrease in wavelength took place in much the same manner as gravity accelerating a falling object. The most interesting point of the whole story, though, is that it was all precipitated by accident.

The general theory of radio propagation was developed by James Maxwell in 1865. Heinrich Hertz then demonstrated the theory in 1887 by sending and receiving a signal with a spark transmitter. The major naval and maritime organizations immediately seized upon "wireless" communications for their vessels at sea. The wireless radios operated on the longwave band. Immense antenna arrays and high power transmitters (for that era) were needed to span the oceans; and span they did. This marine network below 500 kc permitted ships and shore stations to exchange messages, plot positions, and request assistance.

Interest in radio transmission was limited to a rather small group of people in the early part of the twentieth century. Scientists, experimenters and amateurs found their places in the development of this new field. With the naval establishment laying claim to the longwaves, the experimenters and amateurs were bumped down to the mediumwave band which was, of course, the last usable bandspace for radio transmission over modest distances. The amateurs did not know it at the time, but this patrimonious snub was the first step in a much longer journey.

The sinking of the Titanic in 1912 gave a big boost to radio in general. Wireless telegraphy soon became a household word. The term "ham" became either a household word, or a household joke; and, mostly mistakenly, the neighborhood bane. By the end of World War I, amateur radio was once again permitted to operate on mediumwave. They were required, however, to share the band with commercial broadcasters. This bandsharing plan began to fall apart in the twenties as the broadcasters left their two "assigned" frequencies, and began operating elsewhere to escape interference. The hams, of course, were the ones to suffer. They had been experimenting on 90 meters since 1923. Radio engineers had deemed anything below 200 meters to be just about worthless. Finally, in 1924, with the bands completely jammed up into bedlam, there occurred a series of national and international conferences to divide up the spectrum.

The commercial broadcasters wanted to lay claim to 100 meters. This was the band that housed the hams when the big boys had the good turf on 500 meters. But the band distribution that was finally allocated, put a limit on the broadcasters at 200 meters. The A.R.R.L. lobbied and received permission to use 100 meters; but, they also had the foresight to receive sanctions to use 80, 40, 20 and 5 meters.

The QSO's that followed, especially on "20" for daytime DX, were all firsts. As the developments on the shorter wavelengths became more well known, the scientific community began to take notice. Governments and the educational organizations climbed onboard. And, by 1940, serious work was being done on radar at higher and higher frequencies. This history points a great tribute to the early amateurs and their dedication.

The developments that have occurred in the past would most certainly have come in time. The human mind is too complex to have limited the scope of frequencies to the 2000 meter area. Rather, a debt is owed to the amateur community for their work, their persistence, and their inventiveness. When they were given the graveyards, they made them prosper. They reached farther on lower power, than the major communications concerns. And, finally, they have been on the forefront of every major area in telecommunications.

Today's radio amateur, upon proper qualifications, can operate from 1200 meters (experimental/no licensure) down to centimeters (to QSO with OSCAR and other satellites). They transmit on am/ssb; voice/code; SSTV/RTTY. Yet, amazingly, it all began so small.

* * * * *

TUBE OF THE MONTH

BALLAST TUBES

Many AC/DC portable and midget sets used ballast tubes. These little buggers didn't amplify. They didn't even have a vacuum. Actually, a ballast tube (like a 50A1) was nothing more than a glorified power resistor.

The purpose of these ballasts was to drop the AC line voltage in a series filament circuit. The 50A1 mentioned above was more properly termed a thermal regulator, because it was filled with hydrogen gas. The gas in a regulator tube allowed a flexible resistivity vis-a-vis the resistance wire; as well as showing a constant current source.

Puett Electronics has a pretty good supply of ballasts. ETCO has them from time to time, also. In a pinch, however, you can wire a power resistor into the circuit. Just figure your voltage drop requirement from adding the filament voltages of your other tubes and subtracting that figure from the line voltage. Then calculate the power factor in watts for the ballast drop.

Ballast sources include:

ETCO Electronics	Puett Electronics
Rte. 9W	PO Box 28572
Plattsburgh, NY 12901	Dallas, TX 75228

* * * * *

ACQUISITION OF VINTAGE SETS

HOW TO / WHERE TO

The first rule of collecting anything old (or, even new in some instances) is to become as knowledgeable as possible concerning its value relative to its condition. Some old radios will bring more in a state of disrepair than a working set simply because they were so rare and are needed for parts by serious collectors/restorers. Please keep in mind, however, that the fraternity exists, in predominant majority, for the preservation of the history of radio. These people are really great to wholesome newcomers. Beware, though, that there are a few unscrupulous persons out there who will try to "sell you the bridge".

Joining a club; like the Antique Wireless Assn.; is an invaluable aid to gaining both information and personal contacts. These contacts can help you with tubes, parts, whole sets, partial sets, and (probably the most valuable of all) old radio magazines and books. This literature is the best teaching aid for those of us born after about 1935. The OMs who were born before this very arbitrary date couldn't be hurt with a bit of review either. With information in mind, it is time to search.

Vintage radio and wireless apparatus may be found in a multitude of places. Keep a pocket full of cash with you as it is impolite to expect a stranger to honor your check when he has never seen you before. Swapper and Trader type newspapers are a good start. Check "Radio" and "Ham Gear" listings. Try the ham magazines (CQ, QST, HR, etc.) for the ads in the back. A good source of rare radios and apparatus is the swap sheets that form a part of the club journals. If you can get out and around, try the following: garage sales (especially old houses), estate sales, flea markets, and ham fests. Try to stay clear of antique shoppes, generally, until you are well informed; as you will find that there is a mark-up to pay. If they've got a radio, it will probably be available elsewhere for a bit less.

Well, cuts space again. Hope that I got something in for everybody. I'm wandering if any of you have Nationals or Hammarlunds to review. Everybody sends info on Ballistcrafters. Where's your pride? 73's *Bill*

TECHNICAL TOPICS



Ed C. Shaw, 604 Green Ridge Ct., Lexington, Ky. 40503

Greetings once again! Several years have passed since my type-writer did any work for FRENDX. Lots of things unsaid in that, but better that way. However, I am delighted to devote whatever modest talents I can in the service of our hobby. My sincere thanks to John Moritz and Bill Oliver for offering the opportunity.

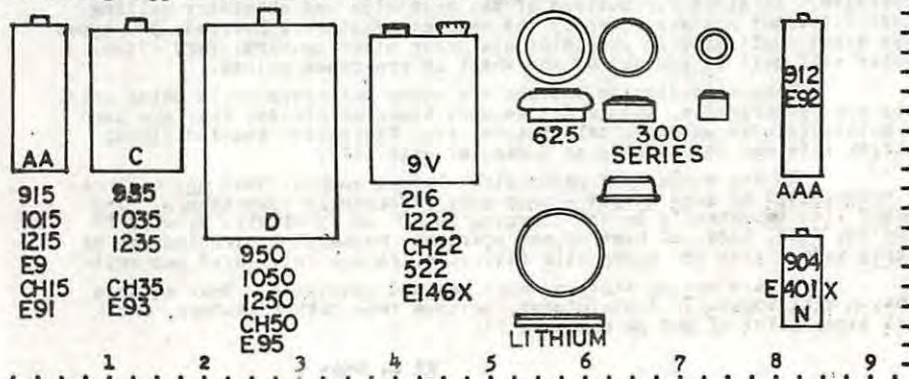
TECHNICAL TOPICS has its place in FRENDX and in our hobby. We do have those members with a desire and the ability to construct various projects. We'll try to cater to this segment as well as answer some of the questions you may have about the whys and wherefores of receivers, antenna, and related hobby equipment. More than that, I'd like also to try to provide some basic understanding of technical and/or electrical things when you ask for it. It matters very little what you want to ask, as long as it relates in some way to our interest in science and the shortwave hobby in general. Please... jot it down. Send your thoughts and questions to me at the address above. Don't forget to provide a SASE, although letters are likely to be answered anyway. If it's important to you, it's important to me.

This first section may not have any members' questions or offerings since I have no way of getting them yet, and I am beginning to type up my master well in advance of publication date. What I will do this month is discuss with you a subject little understood by many people.

BATTERIES - AND, MORE THAN YOU NEED TO KNOW ABOUT THEM

If ever there was a more misunderstood consumer item, I can't think of it. These items are among the most popular in daily use. There is also a lot of wasted expense involved, but I'll cover that later. Let me start at the beginning and try to provide you a small education on the subject of...batteries.

In the first place, so-called batteries are misnamed. At least the most popular ones are misnamed. A battery, by correct definition, is a group...as a battery of anti-aircraft guns. Individual items are properly referred to as "cells". The most popular cells in use are the common AA, C, D, and 9-volt sizes. Somewhat less popular, but still big sellers are the various nickel-cadmium (nicad), button, and AAA sizes. There are often several quality levels at different costs available in each size. We'll cover them briefly. For convenience I will use common Eveready numbers. The scale is a rough approximation of inch dimensions.



In the illustration I have depicted various popular cells with a scale. Here is how a cell is made, and why it works. Most common is the LeLanche carbon-zinc cell. It is comprised of a zinc can (negative electrode), lined inside with an electrolyte gel or catalyst, then filled up with a black carbon compound (positive electrode). A solid carbon rod is inserted merely as a conductive path from the positive electrode to the outside tip - it is not the positive electrode itself. The chemical valences of the elements used in the cell make-up determine the voltage potential. Nearly all popular cells have a potential of $1\frac{1}{2}$ volts more or less. Carbon-zinc provides $1\frac{1}{2}$ V, the alkalines are $1\frac{1}{2}$ V, mercury gives only 1.4V, and nickel-cadmium (nicad) only about 1.25V. However, new lithium buttons can provide about 3V. They are used in calculators, etc. Physical size of cells determines how much amperage can be extracted. Note that the popular 9-volt size is a true battery comprised of a stack of six $1\frac{1}{2}$ V cells. Tear up an old one someday.

A word of caution about 9-volt-size nicads. They aren't! Since nicads provide only $1\frac{1}{2}$ V per cell, a stack of six only provides 7.5V. The instructions should clearly indicate "for 9-volt applications." At the present state-of-the-art, this size nicad is not a worthwhile value in my opinion. You aren't getting a full 9 volts, and they run down rather fast, requiring frequent recharging...a nuisance. Some nicads are labeled as "D" size, but are merely repackaged "C" cells. Compare the ampere-hour rating on the side to be sure. If it is the same, you'll know.

In the case of cells used for transistor circuits only, the best value is the cell marked "for transistor use.". Eveready cells are red and have numbers like 1015, 10135, 1050, or 216. The value comes not in the length of service, but in the time versus money. Surely, you'll replace the red cells more often, but for less expense. Alkaline cells used for transistor circuits will give little or NO additional length of service. You can save your money in remembering that.

Alkaline cells should be purchased where heavy use for larger current is indicated, such as for flashlights, motor-driven toys, photographic equipment, etc. Consider...motors means magnetism, and flashlights mean bulbs burning. Both uses mean low resistance heavy current draw. Bulbs are one of the heaviest demands made on battery cells. When possible, turn off such lamp if you don't need it. Install an external switch if you can. You'll get vastly extended life of the battery for other things.

Mercury cells are expensive, but if you want to have useful power right up to the last few minutes of life, then mercury is the answer. These cells maintain near full voltage until the end, then avalanche suddenly to zilch. They are great for long life transistor use, have long unused shelf life, withstand greater extremes of temperature. One drawback is the corrosive salts which occasionally forms on the terminals. Common uses for mercury are watch and calculator or hearing aid cells, garage door openers. Get them in a wheel of six. It's cheaper than individuals.

Silver oxide buttons are similar to mercury, and are used for many of the same things. The voltage is slightly higher, but they are more expensive. Be alert for buttons of the same size and chemistry selling under different numbers, even by the same manufacturer. Eveready 300 types have exact duplicates in wheels of six under other numbers. Very often, a dealer will sell to you out of the wheel at pro-rated prices.

Manganese-dioxide buttons are among the newer cells being sold. They are rechargeable, though not as many times as nicads. They are used in solar-assisted watches, calculators, etc. Shelf-life and individual charges life are not as long as a regular cell life.

On the subject of recharging, let me suggest that any cell can be rejuvenated to some extent - some more efficiently than others. The answer lies importantly in the charging rate. Do it slowly, slowly. If done too fast, internal heat causes problems. Recharging circuits can be simply made - even for automobile batteries. Anyone interested can write.

Here's hoping that you have learned something. Next month's section will hopefully contain contributions from FRENDX readers. Until next time, a lot of gud DX and warm 73:

Ed C. Shaw

With 1982 as neat and shiny as the transceiver Grandma got for Christmas, your British researcher has been gazing at the shortwave papers of fifty years back. Old time radio is very popular in Britain, and I have just received tidings from the Vintage Wireless Company of Bristol that the acute shortage of real old radios has provoked the inevitable commercial response.

"It had to happen. With the shortage of the real thing, there is now being produced by the famous Philips Company, a three quarter size reproduction of their well-known 'Superinductance' receiver, Model 634 made in 1933." Since I worked literally a handful of yards from the Vintage Wireless Company during my years in Bristol, I am naturally interested.

The vintage wireless store, in my years thereabouts, had sturdy all-valve sets booming on shortwave as hefty as any AM signal. Among its services today are hire of vintage radios and relative props. to theatre companies, sale of restored domestic/automobile radios, radio/television receivers 1914-1954, and spare parts.

It could be one of Britain's up and coming tourist attractions, and in the long run more significant than the less than vintage Concorde, also made in that bustling city. All we lack now is the programmes of the 1930s for the vintage radios on offer. After all, they were the great adventurous days of radio (or 'wireless' as it was more usually called in Britain)

The British radio magazines remain superb examples of journalistic style (incidentally, I have a limited supply that I can exchange for back issues of 'NASWA') 'Modern Wireless' at the beginning of 1932 paid tribute to Holland - an example to the rest of the world in its shortwave services. Today, it has a booming alternative (free) radio fraternity, and a sizeable monthly devoted to the subject.

But there were problems: "Dutch broadcasting has several marked peculiarities which render it interesting. For one thing, the time observed - twenty minutes ahead of Greenwich - is unlike that of any other country. So that if you hear a station's chimes indicating 12 o'clock when our clocks say 11.40, you may be sure it is a Dutch station". Also it discourages new CB breakers from asking for time checks.

Although shortwave was obviously alive and kicking in Holland, the Paris scene was not attractive (from that point of view).

A reporter contrasted the spread of wireless shops in Britain with the situation in the French capital: "It would be difficult to find six radio shops of any kind in the whole of central Paris." The only place where you could buy components was 'under the St. Lazare Station'. Hence, the bright British youngsters learned helpful French phrases for their holidays: "Avez vous un spare valve?" Also "Mon rig est explodee" and "Je ne sais pas le radio store." Of course, whilst the British male of the 1930s had a thoroughly good time in the back shed with 'The Wireless Constructor Magazine' and a box full of radio parts, the French boulevardier had to make do with pretty girls, champagne and a touch of the aimez-vous. That the French were always far too enthusiastic is confirmed by 'Modern Wireless': "The Eiffel Tower is generally good enough in quality and range of programme, but its power is far in excess of Parisian needs." As they say, "If you got it, why not show it?" C'est la vie. They must have been using one heck of a lot of juice for elsewhere the magazine states, "Paris P.T.T. breakdowns, which have recently been frequent, have been due to hitches at the power station supplying it, and not to trouble at the station itself."

An issue of 'Modern Wireless' later in 1932 did something which no chivalrous broadcaster of Paris would even have considered. It stated baldly, "Luxemburg: the lady announcer is a German and is aged 24," Even today's permissive BBC would not dream of giving a lady's age.

Talking of age, the world's youngest fully qualified radio amateur in 1932 was Alan T. Margo (W6FZA) of Porterville, California. He was 9½ years old (positively elderly by comparison with some of today's nippers on CB). Other helpful notes that undoubtedly convinced yesterday's breakers that all was well; in 1932:

- * "LENINGRAD...the use of loudspeakers in factories is continually growing, and recently 32,000 loudspeakers were ordered for this purpose." These - we hear - were not all for the same plant.
- * "GEORGIC...the new White Star liner 'Georgic' has its wireless installation fitted in the vessel's dummy funnel." Well, that's one place to hid the over-powered rig when the FCC man calls.
- * "PARIS...Radio LL has been dabbling in auto-suggestion for listeners and broadcasting "Keep Cool, Calm and Collected" music on 370.4 meters. Wonder why we haven't heard that one recently?
- * "RADIO Schaerbeek recently organized a parade of dissatisfied radio enthusiasts through the streets of Brussels". These days they call that kind of thing 'a marathon'.
- * "PMY...The New Dutch East Indian transmitter, PMY, was recently leased to a firm of advertising agents, the money so raised being devoted to relieving unemployment." Mainly among broadcasters and copywriters no doubt.

Those hefty, romantic radio journals had a tremendous sense of innocence. Stations 'very high power tests' (up to 499 kw) were heralded with great glee. However, the enthusiast who penned 'What The Distant Stations Are Doing' for 'Modern Wireless' said that he doubted that broadcasting stations in the U.S.A. would ever be permitted to use more than 100,000 watts on a regular basis because of interference problems. This remark had been provoked by the tidings that the Federal Radio Commission was encouraging the building of 'giant stations'. Presumably you had to climb up the beanstalk to reach them.

The shaggy dog station award in 1932 obviously went to "Villa Acuna, the powerful Mexican Station operating under call XER, is in great disfavour because it is said to be run on a 'quack medicine' basis, to advertise a goat-gland specialist. It is just over the border from the States and migrated there when the Federal authorities refused to renew the licence." Fortunately, commercials for goat-gland treatment are not heard on shortwave today. Though the government could try it to help raise cash for industry. Since the Honolulu KGU station 'broadcast a volcano' - Mount Halemauan - with a moving microphone' we assume the chap with the rig had some of that 'keep cool' music through the cans. We're not sure what to make of this 1932 mountain story: "Radio Swiss Romande recently gave a highly satisfactory running commentary from Mount Goonergrat, 10,000 feet up. This constitutes a record for broadcasting." Until the BBC broadcast that radio epic with the Goons pushing a piano up Mount Everest, this being a zany and world famous radio show (which starred the late and great Peter Sellers)

Another shaggy dog story under the 'Great Bloops' heading comes from April, 1932:

"Radio Vatican, the Pope's station, was recently put on the air by one of the big American hook-ups, and after an hour's working, somebody phoned and diffidently pointed out that the programme in question was not Radio Vatican at all, but another station on an adjacent wavelength. Surely, one of the biggest radio mistakes ever made!" Actually, some ladies who have allowed their husbands to turn the spare room into a radio shack think that was 'one of the biggest radio mistakes ever made....'

Although Charlie Loudenbloomer will remain an All Time Great in the NASWA Gallery of Literary Giants, it's worth paying a modest tribute to some characters that crossed the pages of the handsome British monthly, 'The Wireless Constructor', back in the early 1930s. A column called 'In Lighter Vein', and written by 'The Wireless Wayfarer' - a gipsy of the air-waves - reported the brave deeds of Professor Goop, an avuncular gent pursuing perfect radio. He was, in turn, pursued by Mrs Goop intent on getting some repairs done around the house.

In an issue at my elbow, the Professor proposed the construction of a fourteen valve superheterodyne shortwave radio, free of problems. Well, almost free of problems. However, the columnist asked the Professor how he intended to cope with shortwave splash, which, as everyone knew in the 1930s, happened when strong speech was transmitted on shortwave stations. It was, so they said, very strong in Stuttgart, and for that reason, good Germans thereabouts had lids on their beer mugs. A highly academic discussion on sideband splash and protection against it reached a climax, as the Professor took a box of onions and prepared to peel them whilst transmitting.

At this point, Mrs Goop entered and insisted that the Professor see at once to the leaking faucet, or tap as the object is known in the old country. So the marvellous sideband splash guard, about to be revealed by the Professor was never described.

Well, no doubt Charlie Loudenbloomer knew about it. Maybe if I search the pages long enough I may find that Charlie and the Professor actually met and solved the problem.

Looking at the magazines of the 1930s convinces me that shortwave had an air of the unpredictable in those days. Today, everything is so certain, so assured. However, as I am waiting for the repairman to come and repair my new electric typewriter, for the third time this week, and have stared down the avenue in vain for his truck, I will at this point, close with greetings from the old country. The typewriter may look okay but it sure has some sideband splash in its margin release.

David Lazell can be contacted at : 29 West Leake Road, East Leake, Loughborough, Leicestershire, England. LE12 6LJ.

AN INDEX CARD FILE MAY BE JUST WHAT YOU'RE LOOKING FOR

by CHARLES BOLLAND

Apart from a good receiver and antenna system, the serious DXer needs a number of aids to help him accomplish his/her task of obtaining those hard-to-hear targets. Of course, one such aid is the World Radio and Television Handbook. But in addition to the handbook a good file of station characteristics is invaluable. The handbook lists only frequencies, times, and sometimes the phrases used for station identification. However, the station identification phrases are generally only for the major shortwave stations of the world. You would not find, for example, the station identification phrase of Radio Nacional Espejo in the handbook. Therefore, developing an index file of station characteristics is really essential.

I have found that 4 x 6 index cards are ideal for keeping notes. They are large enough to write a considerable number of notes on, but not too large to become cumbersome when space is limited. My file is set up according to frequency. I keep data only on those stations which have remained on the same frequency for a year or more. If the station is one that I believe will remain on the new frequency after I find it, I make a file card for it. I enter the station's name in the upper left hand corner of the card, the frequency in the upper center, and the country in the upper right corner. I next list some of the "modus operandi" of the station like ads, special types of music, and time checks. I usually include the time zone following the time check reference. This would be noted as Zulu + 4 or Zulu + 5 depending on the country. Knowing the time zone of a station can often help narrow down the choices for identification.

Another very important aid to identification which should be included on the index card is popular phrases used by the station. Frequently the announcer gives the time in a certain format and if you have made a note of this beforehand, you can be certain which station you are listening to and either tune away for further searching or remain and catch the identification for logging. Each month additional information can be obtained to aid in identification by scanning the loggings in FRENDX and notating any suitable phrases that other DXers may have included with their contributions.

Above all, the station's identification slogan should be included in your card file. Knowing what to expect ahead of time when waiting for the station's identification can help immensely with those difficult-to-hear stations. How many times have you been waiting for an identification when a burst of static or interference caused you to miss it? If you had known what was coming, you might have caught enough words to satisfy an identification.

Other items to consider when developing the file are the best antenna used, the time of day heard and the quality of the signal. Finally, I usually list the date and time of the "first time heard" on the bottom of the card. Other times can be listed if that particular target is readable at different times of the day, night, or year.

Keeping a good file will help cut down on the time spent on individual stations that are of no particular interest when the time is limited for listening to a special target area. It will also make DXing more interesting and more fun. Good listening!

IT SOUNDS TO ME!

BY ALVIN V. SIZER, 22 Country Way, North Haven, CT 06473

"There probably isn't a newsroom in the country without a radio set to monitor police, fire and communications for news leads. Scanners are as common a sight as editors working for the Lou Grant Scowl-Alike Award."

So wrote Robert C. Diefenbach, an Atlanta-based communications consultant, in the January issue of Quill, magazine of Sigma Delta Chi, the professional journalists' organization.

Then Diefenbach went on to rock most editors on their heels although it should come as no surprise to you, a shortwave listener. Doing what they are doing is illegal. Eavesdropping on point-to-point conversations violates federal law and most news people don't seem to be aware of it.

"The scanners can become tickets to the slammer," wrote Diefenbach.

Section 605 of the Communications Act of 1934 makes it illegal to monitor radio communications and divulge their contents without prior consent of both parties involved. You can be fined \$10,000 and got to jail for a year or two if successfully prosecuted.

Not only are police, fire and public service communications protected but also conversations on the business, marine, amateur, aviation bands. It's O.K. to listen but not to divulge to another party. The only exception is distress signals.

Newsrooms not only divulge--an editor relaying a communication to a reporter, for instance--but make beneficial use of what they hear. They are also, indirectly, making a financial gain by selling newspapers.

The chances of the FCC cracking down on newsrooms is remote. They have enough trouble on their hands without tackling that hot potato. But the article in Quill points the finger to what I have always thought to be an inane law. It is inane because there is no way on earth it can be enforced.

I'm wondering if there is a single one of my readers out there who can honestly say he has never broken the above law? Is there one of us who hasn't said to a spouse or friend, "I just heard two hams talking on the air and the guy out in Minnesota was telling some tall tales about snow."

Or, perhaps, as I have heard, "a ham may be saying that Cook Islands is being heard well on 11760 kHz. You wouldn't make beneficial use of that information, now would you?"

I wonder what I would do if I happened to hear a phone call on SW where an excited caller was saying, "Sell my Golden Glow oil stock immediately. The bottom is going to drop out of it." And there am I with a big block of Golden Glow in my portfolio!

Sure, I'm having a little fun. The FCC isn't interested in prosecuting us little guys and gals. They probably want the law on the books so they can crack down on people like that guy who was monitoring all the San Francisco Bay police calls and then calling in tips to a radio station. They prosecuted him.

I still think it's an inane law and the concept of making private zones out of the ether is something a satirist could really feast on.

One final comment: How many of us have reported a point-to-point communication to a shortwave publication? According to the law, that's a no-no.

I ran into a story on the UPI wire about a man who is apparently making a bundle out of listening to shortwave and what he is doing is strictly legal. Paul Koerner of St. Louis is president of Worldwide Investment Research Ltd. He speaks four languages and uses shortwave radios in his office, home and car to monitor political firestorms, border skirmishes and other news that could disrupt the flow of strategic materials.

Koerner believes the disruption of exotic minerals essential to U.S. producers of sophisticated electronics, aircraft and modern military hardware represents a threat far greater than any oil shortages. These metals are found almost exclusively in the Soviet Union or politically volatile South Africa.

Koerner says the oil crisis is just "an infant" compared to the strategic mineral problem. "Unlike oil, there are no substitutes for many of these materials." The predicament, says Koerner, has left the U.S. "in an extremely vulnerable position."

And so Koerner listens not only to the BBC and Deutsche Welle but clandestine broadcasts. Knowing about guerrilla activities is vital. He said a 1978 raid in Zaire's Shabe Province sent the price of cobalt up from \$90 to \$40 a pound overnight.

From his SW-obtained data Koerner sends out a newsletter that costs \$149 annual to subscribe to, does plant feasibility studies and for \$1 a page supplies annual reports on foreign companies seldom available here.

All through legitimate and intelligent use of shortwave!

This is The Way It Sounds To Them! (Column feedback . And why don't you send in yours to address for editor?)

SCOTT MCCLELLAN, Battle Creek, Mich., takes exception to my opinion that there is little need for U.S. pirate stations and advocates:

"The FCC allows amateur communications, why not amateur broadcasting? They could set aside a small section of the radio spectrum for hobby broadcasting and require all stations to be licensed, as are hams. They could limit power to under 100 watts and require all operators to pass rigid exams to prove that they are capable of broadcasting with good technical quality. They could limit the time a station could broadcast each month.. in other words, it wouldn't be too difficult to arrange it so that the riffer-raff would not be issued a license. What harm would it do?"

(I'm afraid that would not eliminate pirates, Scott, since those excluded would still broadcast as pirates.)

Scott's defense of U.S. pirates follows:

"While it is true there is a great need for pirate radio in parts of Europe, I also feel there is a need for it in the U.S. How many of us are satisfied with American commercial radio? If you like pop music with an endless stream of ads, you have a large selection to choose from. But a good entertaining radio station is hard to find: I personally am tired of hearing every other station playing Top-40, along with ad strings and cheap contests trying to attract listeners. Most stations don't care about listeners, they're in it for the money. Of course there are exceptions but they are few in number. An alternative should be available.

"I'm not saying that all U.S. pirates I've heard beat what can be found on MW, FM, but occasionally stations do appear, such as WFAT, PRN, WGUT and R. Confusion, JRR etc. that offer a refreshing alternative and there should be a way these stations could operate legally without shelling out the thousands of dollars needed at present. But there is no way, thus they resort to pirating.

"Sure, there are stations that go on the air just to flout the law but the stations mentioned above, plus some others, tried hard to provide entertainment and succeeded. It doesn't matter to me that these stations are illegal; they are doing what they believe in and I say 'more power to 'em' and if anyone doesn't like what they are hearing they don't have to listen. But I happen to like what I hear on many pirate stations and will always be willing to stay up odd hours of the night listening to something I find wonderfully different. If others don't agree with my viewpoint, they don't have to listen; it's as simple as that."

(Not quite, Scott. If a pirate is interfering with a licensed type of communications then those persons do have to listen to a pirate than to something they are legally authorized to operate. But thanks for your opinions; I found them interesting.)

On another topic, from TED BART, Butler, PA:

"I enjoy and look forward to each issue of FRENEX. I'm not a very technically inclined person as I have assumed the majority of your staff is." (I am not, for one.) "I do have an observation that may be beneficial to many members like myself or new members.

"In Shortwave Center get some good articles on different receivers. I used to enjoy descriptions of some of the most popular and these helped me find my HQ-180 that I thoroughly enjoy. Most people can now only depend on Radio Shack and their radios and books are not very good. I've also read 'DXing According to NASWA' by Ed Shaw and 'Equipment Review' from the International DX Club of San Diego and these books help to give insight and valuable information about the hobby.

"This type of information will let an enthusiast understand what to expect and what not to expect from a receiver. We can't afford an R-7 Drake so let's give the average DXer or SWL the information necessary to stay with the hobby and get those QSLs and loggings. Of the 60 or so pages that FRENEX averages, most are devoted to reports and awards as they should be but this won't help the neophyte until he gets the background. Let's emphasize the basics and spread the word about our hobby."

That's it for this month. How about hearing from more of you? Are you listening to WENO? Do you like it?

by Dan Robinson

SPECIAL *feature*

In last month's Shortwave Center, I presented an all too general picture of one of the most controversial periods at the VOA culled from a number of written accounts, as well as from my own involvement in the events. Last year's period of controversy and media attention, by the way, began long before the now-famous Nicolaides memo which was the subject of my last report. There were mixed blessings from all of this. On one hand, because of the amount of coverage of the VOA and the major issues involved by the television networks, news agencies and newspapers many Americans were reminded (or learned for the first time if they did not know) that the United States has a dedicated group of broadcast professionals working to beam our story, and the world's news, to millions of people every day. During the first few weeks of martial law in Poland, for example, many news reports focused on the role of the VOA and other international broadcasters in filling the vacuum of information for the Polish people. Thus, as I explained in last month's article, the VOA news operation itself became an exciting story even as it worked to provide a daily account of a much more important event. And that, perhaps, is the negative blessing. There was a stretch of time, in November and December, when the VOA newsroom seemed to have been taken over by television lights and cameras. News-people were writing and talking about other newspeople who were simply doing their job. It was exciting . . . but it was also disruptive at times, or at the very least, a distraction.

In the past six months or so, VOA has had major changes in top personnel and a realignment of functions and responsibilities for certain positions. Back in November of last year, VOA Director James Conkling announced that two long-time Voice figures would be leaving for other positions -- Cliff Groce and M. William Haratunian. Just two days before the publication of the Washington Post article on the Nicolaides memo, and amid continuing debate about how well VOA was doing its job, Mr. Haratunian addressed a farewell memo to VOA staff members. It focused on media reports that VOA's coverage of international affairs had, at times, been unbalanced and possibly unfair to the United States. But it also expressed deep concern about the direction of charges at the VOA. The memo read, in part:

The debate today is not only about the future of VOA, but about our parent organization, the International Communication Agency, as well. In the debate, allegations have been published that do damage to the good name of VOA. The essence of these charges is that VOA has not been sufficiently supportive of our country's interests. To my knowledge, there is no basis in fact for such charges. . . . Today our leadership feels the need to restructure VOA. This raises fundamental issues, and I need not tell you it has caused severe apprehension among professional VOA colleagues even in the ranks of those who do not have supervisory responsibilities.

Mr. Haratunian went on to discuss the affair involving VOA's broadcast of an excerpt from an interview with a top soviet official, Georgi Arbatov, and allegations that VOA had given too much time to him. His memo then continues:

Even though the basic facts on the "Arbatov affair" were inaccurate, the charge itself goes to the heart of an important issue: Does the political leadership trust the professional staff at VOA to make impartial and journalistically competent editorial decisions? As I leave, I am deeply troubled by recent personnel actions, as well as by others that may be contemplated. What has been done already is being perceived as punitive, and in turn tarnishes the reputation of VOA. VOA's reputation, and the reputations of all those associated with it, rests on twin pillars: the Charter of VOA, and the quality of the professional staff that carries out the role and purposes of that Charter. It rests on something else too -- mutual trust. It is my concern that the absence

of mutual trust between political appointees and professional broadcasters has created an adverse atmosphere at VOA. This risks damaging VOA's credibility, and therefore its ability to serve as a truly national voice of our country.

In retrospect, that memo really went to the heart of the issue that was on the minds of many VOA employees. There have been other changes (and new faces) at VOA. Two professionals from the commercial networks have joined the team in top positions. The new Director of Programs is Mr. Frank Scott, formerly Division Vice President of NBC Radio and General Manager of WRC in Washington, D.C. And NBC Correspondent Gene Pell became Deputy Director of Programs for News and Current Affairs. Mr. Pell was NBC Correspondent in Moscow, served as Chief of Westinghouse Broadcasting Corporation's foreign news service in London, and was Anchor and Managing Editor at WBZ-TV in Boston among other things. One other development in the VOA newsroom was the birth, during the summer of 1981, of an internal newsletter which will win no awards for graphics, but does provide useful information and even, shall we say, some fantastic "scoops."

But you have probably been wondering about the title of this piece: Shortwave Listeners Lose a Friend at the VOA. I have mentioned the extensive coverage given to the VOA by the major networks and other news media. It's enough to say that large portions of two of those network specials dealt with the resignation of the Chief of the VOA News Division, Bernard H. Kamenske. I remember the first time I met Bernie Kamenske. It was at a regional meeting of the Radio Television News Director's Association (RTVNDA) at the University of Maryland. At the time (March 1979) I was nearing graduation from American University here in Washington, and had completed two internships -- one at ABC News, the other at a local FM station. I had also applied for a four-month internship at VOA. You couldn't miss Bernie. A big man, with a cane, he stood at one side of the room as the other attendees, a mixture of hopeful journalism students and local radio and television professionals and educators, maintained the hum of conversation. I'm not sure how the conversation got started, but I soon found myself in enthusiastic discussion about shortwave radio and international broadcasting. What do you use at home, I asked? An old Collins military receiver, a 5L-J-4, Bernie replied and then proceeded to complain about his reception. I told him I knew the Collins line well, but preferred Hammarlund. . . and the talk turned to other things. Well, by the time I left that afternoon I knew I had gained a shortwave listening acquaintance. What I couldn't foresee was how much I would come to respect Bernie Kamenske as a person, a newsman, and most important -- a friend.

In the words of the internal VOA publication, NEWSROOM: "On December 21, Bernie summoned the newsroom staff and announced quite simply, 'I'm leaving to go to Cable News.' Within minutes word spread rapidly through VOA. Quickly the news reached the media. In rapid succession, The New York Times, The Washington Post, National Public Radio, NBC-TV, ABC-TV, and Broadcasting Magazine came by for interviews. The media attention reached a pinnacle on Thursday, when the Times published an editorial paying tribute to Bernie." Again, the issue in all of this was the reported plans of the administration, through its VOA and USICA management, to give the Voice a harder tone, the issue of truth/straight news vs. propaganda. Bernie Kamenske spent 27 years with the VOA's news operation. He, along with some other people, was the driving force behind so many of the modernizations that have transformed the VOA newsgathering process over the years. In the words of one of his closest colleagues: "How can one possibly sum up an institution, which Bernie is? For us, he has transformed this (newsroom) -- his temple -- into a place where newpeople feel instinctively comfortable." BHK was also the primary force in efforts to have the VOA Charter (which began as an Executive Order in 1959) changed to an Act of Congress. In his introduction to the latest VOA stylebook, he wrote: "This book is dedicated to the presentation of the truth in broadcasting the news to all parts of the world. All of us, who work under the precepts of this guide, are committed to an unrelenting pursuit of accuracy and the accumulation and dissemination of facts." And in a final interview before his departure from VOA to CNN (Cable News Network) Bernie gave probably the best explanation of his strongly-held belief in accuracy and presentation of the straight-story in international broadcasting:

I feel today, as I did years ago, that an audience knows when you're

faking and when you're being evasive. They sense when you're doing it even when you're doing it for what you consider to be good reasons. The people who listen to us are tremendously politically sophisticated. They don't listen to just us. They shop for news. They have a choice -- not just their own domestic radio or television, which may be terrible; but there are other broadcasts coming from free societies. What is unique is that the American experience and the American history are such magnets to these people that it's important that the American broadcasts represent America in the sense of its historic and democratic traditions.

And in his farewell message to the VOA newsroom staff, in the wake of months of controversy surrounding the Reagan administration's intentions for VOA, rumors and counter-rumors, and television cameras in the newsroom, BHK had this to say:

The outpouring in the media is not a reflection of my eminence of importance. It is an expression of the importance of this place, this huge, important place that reaches around the world into the homes of millions. . . I will never hold a more important job in my whole life, a job that will mean more to me than this one does. I ask you to remember that every time you approach a typewriter, every time you edit a piece of copy, every time you write a report, remember one thing: You all represent the American people and its free press.

What was unique about Bernie Kamenske, while he was head of VOA's news operation, was his tremendous interest in shortwave radio. Very few people at VOA are avid SWL's (and even fewer DX'ers). At home, Bernie used the old Collins 5L-J-4 (until he sold it to a young colleague), a McKay Dymek DR-33 and an RF-4800. He subscribed to at least one major club bulletin, and kept a close watch on VOA's competitors in the area of shortwave news coverage. And BHK frequently lamented the fact that so few VOA employees listen to the shortwave bands to gain the added perspective they could get from hearing how other stations treat the news. And if Bernie could send a message to American shortwave listeners, I believe he would want it to read something like this: GET INVOLVED. . . write about shortwave topics and international broadcasting in your local newspaper, tell other people about what you hear and what your opinion of it is, keep up with current events, and don't hesitate to write to VOA to comment on its programs and make suggestions.

Shortwave listeners have lost a good friend at the VOA. But Bernie Kamenske continues to listen to the shortwave bands and I for one am glad he is part of our special fraternity.

MUSIC EXPLAINED by Charles George

* My main hobby outside of radio is music. I play the guitar and have a growing record collection. A book I have found useful when playing music and listening to it on my radio is the Harvard Dictionary of Music, edited by Willi Apel. I find it especially helpful for stations playing traditional folk music from their country. For instance, under Colombia there is a long discussion of Colombian Classical and traditional music, describing the background of the various musical forms and instruments used. There is a similar section for many other nations. Many popular or very specialized musical forms/instruments have their own separate discussion headings. So, if I want to know about the forms of folk music to be heard from Ghana or Kenya, I can look under each country heading. Then, if there is doubt in my mind who I might have on say 4915 kHz, I can go to the book and have a little better idea by using it as a tool along with propagation, reports in Frendx, and the language being used. The important thing to note here is that this book can be a helpful tool in your dxing.

THE UNITED ARAB EMIRATES. by Leslie Byron

There are seven Emirates which in order of size and population are: Abu Dhabi, Dubai, Sharjah, Ras al-Khaimsh, Umm al Qaiwain, Fujairah and Ajman. The total population is around 800,000 people and the U.A.E. occupies a land area of 83,000 square kilometers covering most of the lower side of the Gulf on the Southern side. The U.A.E.'s nearest neighbors are Oman to the North and Saudi Arabia to the South and West. It became a sovereign independent state on December 2, 1971 with its federal capital Abu Dhabi. Each of the Emirates is headed by a ruler who has wide powers within his Emirate. The terrain is mainly desert with a dry sub-tropical climate. The U.A.E. is an oil producing state since 1963. Current production runs around 1.2 million barrels per day.

Listeners NOTEBOOK

GLENN HAUSER

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Knoxville, TN 37914-0287



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* **PUBLICATIONS** Directory of World Band Radio is a new 128-page (softbound) book published by SONY in Feb, designed to introduce the public in practical terms to what SWL is all about, and what programs and stations can be tuned in. Almost all of it written by gh (except the antenna section, which you may disregard). \$7.95 at SONY dealers. If they don't yet have it, ask them why not? and when will they? (gh)

World Radio-TV Handbook 1982 was shipped to those who ordered in advance from both major US sources, Don Erickson and GILFER, in the first few days of February. It's the essential reference book, and the point of departure for determining whether items for LN are news; and of course it includes articles, notably another receiver-review section by Larry Magne (gh). Manual para el Escucha de las Transmisiones de Ondas Cortas is a 60-minute cassette, put out by Teo Veras, who is a ham and former director of RTVD's external service. \$6 US from him at P O Box 1610, Santo Domingo, Dominican Republic (Play-IX 1/2)

Clandestine Stations of Southern Africa, C-60 cassette includes tapes of currently active stations as well as those of historical interest, with commentary by Miki Včelař. \$8 US by airmail registered worldwide; banknotes preferred, registered recommended; IMO also accepted; \$8.50 if by bank cheque, to: QTH Africa, P O Box 28250, Sunnyside 0132, South Africa (QTH-Af) 73 Magazine, Feb 82, has two articles of interest: "The Father of FM--the Tragic Story of Major E. H. Armstrong," by Jeanne Hammond; "The Art of Listening," by Karl Thurber: phone-jack accessories such as headphones, speakers, recorders, filters (Rufus Jordan, PA)

Pennant Collectors International Refunds are going out to all the ex-PCI members. I deserve all the criticism for my apathy in this matter but I am not the main reason PCI failed. I'm sorry all this happened and offer my deepest apologies (Brandon Jordan, Memphis TN)

Tour du Monde en Français a computerised list of French-language broadcasts is included in a new monthly bulletin "Radio Panorama" published by Amities Radio, B.P. 56, F-94002 Creteil Cedex, France; annual subscription to North America is 50 French francs (SCDX 1/12) I get inquiries now and then asking for such info; perhaps more pertinent to North American francophones are the schedules presumably still published in the monthly magazine of the Club Ondes Courtes du Québec, C.P. 267, Gaspé PQ G0C 1R0, Canada (gh)

R Peking 1982 Calendar is more beautiful than last year's; larger and features exquisite color photography of scenery (John Pascoe, Arlington WA) Presumably available on request (gh)

* Associated Radio has a very nice catalog for \$1; they specialize in used, reconditioned radio equipment--mostly amateur--but have a full page of general comms rx's, from Collins to Radio Shack; Master Card OK; they do most business over phone; very friendly and helpful--they contacted me when they got an SX-100 in I wanted, tho it took 8 months. I recommend Associated to NASWAn's. Addr: 8012 Conser, Box 4327, Overland Park KS 66204; (913) 381-5900 (Pacetti CO)

How to Tune the Secret Shortwave Spectrum by Harry L Helms, TAB Books, 1981; #1185, \$6.95, pa per, covers clands, pirates, espionage, numbers, military; The SWL's Manual of Non-Broadcast Stations, another TAB Book (#1235, \$12.95, paper) by Helms, on RTTY, air, marine, beacons, VHF/UHF commercial, government comms. Both have sections on rx's, ants, accessories, and lots of fq data, excellent intro to ute listening; he credits NASWA (Stephen B Pacetti, CO)

How to Build Hidden, Limited-Space Antennas That Work, by Robert J Traister (TAB #1254, \$9.95, paper) on antenna principles, limited space principles, problems of the apt dweller, how to wind coils, indoor ants, TVI, VHF ants, making ants from existing structures (Pacetti KA0L0Z)

What the Poles are Being Told, transcript of ABC News Nightline, Dec. 15, on which Koppel interviewed reps of VOA, RFE and BBC + reports from 5 ABC correspondents. \$2.00 from Box 234, Ansonia Station, New York, NY 10023 (via John Pascoe) 7 pages, no illustrations

Radio Guide, fortnightly slick magazine listing CBC Radio & CBC Stereo programs (some of which are also on SW), has changed address again, to Box 320, Stn A, Toronto Ont M5W 2J4. C\$10 per year or C\$18 for two years; Visa or Master Charge OK. Typically 16 p w/illos & articles.

Review of International Broadcasting, March issue contains a lengthy "Equipment Forum," and an extensive schedule of more than a thousand recommended program-times throughout the week, plus the usual features of program info from BBC and other stations, transcripts of gh's DX reports on RCI SWL Digest, Clear Channels, on MW listening, and much more. Samples \$1.25 in North America, 7 IRCs or US\$2 elsewhere; subs in NAM US\$15, from gh, RIB, Box 6287, Knoxville TN 37914-0287 (gh)

Media Network Booklist, very useful 16-page booklet covering listening guides, books & pamphlets for the SWL, tape recordings, technically oriented books, miscellaneous titles, periodicals. Fifth edition now available; 11,000 copies sent out during previous year. Free on request from Radio Nederland, Media Network, Box 222, 1200-JG Hilversum, Holland. (RN)

Media Network Tapes are C\$5 each from CHAP, 6 Coolbreeze Ave., Pt Claire, Quebec, Canada H9S 5G4, not available from RN or from a US address (tho also for \$2 from EDXC/HAP-UK): 55-minute version of 'New Year Nonsense from the Netherlands'; 'Hitch-Hikers Guide to DXing' episodes 1 & 2, 56 mins, both released in 1981; and these released earlier: Unofficial Radio Series: 1) Secret Local Radio-political clands; 2) London Underground Part I--VHF; 3) L.U. Pt 2--MW; 4) Famous Radio Hoaxes; 5) SW Pirates in Eu Pt 1; 6) SW Pirates in Eu Pt 2--Holland & Finland (RN)

Ref Map Centres, 413 Pacific Highway, Artarmon, NSW 2064, Australia has these maps currently available and very useful for DXers: 1) Australia \$1.70; 2) NZ \$2.50; 3) PNG \$1.70; 4) Pacific (including bordering continental portions) \$2.50; 5) SEAs & Au (most of China & all of Australia including in-between air and sea routes) \$1.70; 6) Indonesia-Malaysia (and from Thailand to top of Australia) \$1.70 (A.R. Plotnick, Hamden CT) Are those prices Australian \$?

European DX Council Newsletter is again available for general subscription; sample and sub details for 2 IRC from EDXC, P O Box 4, St Ives, Huntingdon, Cambs PE17 4FE, England (SCDX)

DX Journal of World SWL Club hasn't appeared since Mar/April 81. ANARC has received a number of complaints and ANARC has revoked WSWL's Associate Club status (WDXC Contact, Jan)

Monitoring Times new bi-monthly newspaper magazine from Grove Enterprises, Brasstown NC. Jan/Feb issue 8 pp; besides Grove & other ads, articles on tuning in smugglers, scanner DX; primarily utility-oriented. Free to those on mailing list; call 1-800-438-8156 (gh)

Electronics Theory Handbook, 1981 edition (an annual), has much of value to DXer/SWL--understanding electronics, comms technology, explaining amps, ohms, volts, prefixes, exponents, capacitance; receivers, transmission, propagation, AM/FM alignment, directional ants (Jordan)

German World War II Comms Rxs, article in Aug 81 QJ Magazine, the Telefunken E52 K8ln which had an early form of printed circuits; schematics, detailed characteristics (Rufus Jordan PA)

Kurzwellen-Pressedienst is a weekly 6-8 page publication in German covering a wide range of material, not primarily DX info, for DM52 yearly in the GFR; additional airmail rates on request. Also has spl pubs: The World's SWL Clubs, their addresses & publications: 8 pp, 3 IRC; German DX Magazines, 20 pp, 4 IRC; Mass Communication in Iran, 64pp, 8 IRC--this one is in German and English--; and a new circulation of "R Tirana", 68pp, 9 IRC. KWPD celebrates its first anniversary 28/2/82. Addr: Rainer Pinkau, 3400 G8ttingen 1, Weenderstr. 30, GFR (KWPD)

RTTY at a Glance--the art of visual SWLing and many other articles on RTTY appear in the Nov 1981 issue of QJ, a good intro to RTTY; \$2 on newstand; 76 N Broadway, Hicksville NY 11801

Sweden Calling DXers is looking for new less expensive ways to distribute its print (SCDX) bulletin, such as a DX club in each country mailing to addressees in that country, with R Sweden supplying sufficient copies, addressed labels or envelopes, and postage (SCDX 24/11)

Frequency List (above 5900 kHz) published every two months endeavors to update WRTH fq list--annual sub 18 IRCs for Americas by airmail; samples 3 IRC; special discounts offered to all contributors. July 1981 issue was 3 pp; edited by Alexander Koutamanis, Greek DX Club, Pytheos 9, (Parodos Raktivan), Thessaloniki, Greece (Koutamanis)

CLANDESTINE CRANNY

NORTH AMERICAN PIRATES Forwarding address Many, but not all NAM pirates can be reached via Scott McClellan, P O Box 982, Battle Creek MI 49016. Apparently a few reports sent to my box in late Dec were returned by some PO nitwit; problem has been straightened out. If this happened to you, try again (McClellan)

R Northstar International got a report from Vashek Kofinek in South Africa for its 27/12 test; those expecting QSLs, please be patient (RNSI) Very little except the carrier on 13789 arrived here (John Campbell, UK, DSWC1) 27/12 *1900-2032* 13787 fair sig, great audio, variety of mx, pro-sounding DJ, ocll IDs in SP (Scott McClellan, MI) 13789 27/12 *1900 IS, asked reports to Battle Creek box, wide selection of older pops to current; ancrs Bobby O'Brien, Roger Do[d]ger and Jason Johnson(?), good sig (Tom Gavaras, MN) 13789 27/12 1900-2031, vy weak, mx & many IDs, B.C. box addr (Dean Reich, Prospect PA) 13787 27/12 1916-2030a*, oldies, canned IDs; weak in pulser & ocll ute QRM, but constant; rather smooth sounding w/good tech quality (Gregg Bares, CT) 27/12 1905-2032 13787, BC box (Chris Smolinski, MD) 13787 27/12 1909-2003 piano mx, ID, male pop vcl (Dave Valko, PA) Good like WPOT 27/12 13789 (Jay Novello, NY) Try 1000+ Chris G Tucker, Seattle WA, paid \$750 fine for unlicensed opn of radio stn. Having rxd continued complaints about subject's opn, Seattle [FCC] District Office conducted investigation. Consequently, Notice of Apparent Liability to Monetary Forfeiture was issued to Tucker last Oct. Announced Jan. 4 (Broadcasting Magazine, 18/1, via Thomas Gavaras, Plymouth MN) RK4M??

R Free Wave 17/1 0105-0155* EG IDs, pop mx, SWL Indigestion, 'from somewhere in NE US', good sig, where to report? (Tom Gavaras, MN) [Cf Feb 1N-29] Even after listening to my tape of V of Radio Jolly Roger, I forgot there was a difference between JRR and The Voice of JRR; I should have said RFW sounded like the latter. It's quite important as they are 2 different stns com pletely. Now I'll go and crawl back into my snowbank (Greg Ravenhorst, Hollandale MN)

R Kansas, 7350 hrd around 0800 in USB 27/12, vy strong, invited reports to S9 magazine's addr & said'd return in near future w/"much improved AM signal" (McClellan) 0750-0818* 27/12 on 7350, at first in AM but to LSB around 0800; fqtx xmsn breaks; rock, interview w/Chris Hansen (not sure of name), S9 addr c/o Tom (Dean Reich, PA) Apparently a new one, 7350 27/12 0757-

0819*, hard to figure out at first, vly distorted mx selctions, vly low mod on AM voice anmts; so switched to USB, often made xmtr adjs. S/off anmt requested SASE for QSL to 59 addr. A sesquweek later my report was returned by Tom Kneitel who says he's never hrd of R Kansas or anyone associated w/it; don't know why they ancd our addr (Gregg Bares, CT)

R Indiana was on 28/12 0107-0112 on 7425 w/DX tips, offering photo QSL via BC box (Dean Recklich, PA) 28/12 0109 on 7425 w/McClellan addr, DX tips out of FRENEX, said was spl QRP bc; P-F sigs wiped out by utes by 0115 (Gregg Bares, CT) 29/12 0306-0311 on 7425, test (Chris Smolinski, MD) R Indiana will test from new location w/new ant and w/new but lower powered xmtr, GMT 10/1 & 17/1 0000-0600, the first half of every hour on 7425; 0600 // higher powered 6985a. We will offer a spl 'QRP' QSL for 7425 receptions (Crys Tal, director, Vol, 30/12) 0200-0209* w/WIS relay, 0342 gibberish, vly weak (Phil Marshall, GA, 17/1) Short test, apparently QRP, 7425 0200 c/in-0208* 16/1, relay WIS-890 to 0206, ID in scratchy mod, return later; noted again at 0340, vly weak sig, IDs (Andy Newton, GA) Hrd 17/1 on 7425; 0200, 0300, 0400 QRP, spl QSL w/photo of xmtr & ant, calling all SWLs, DXers & AROs to tune in; fair level (Andrew Wallace, Chelmsford MA) 17/1 xmsn 0000-0600 on 7425 & 0600 on 6985 not hrd here (Kraig W Krist, Falls Church VA) unID on 7425 19/12 0355-0417, f/in, f/out, couldn't get clear ID; "One Little Taxi," etc. Complete f/out by 0417 (Thomas Semesky, Gary IN)

V of the Voyageur reactivation hrd 3/1 *0458-0750* on 6825 (later 6840), Nighttime Melodies pgm, Bobby Bootlegger episode, same guitar IS, took calls but I couldn't get thru; off w/ "1,2,3...May the Spirit of the Voyageur be With You All!" and immediate off. Got two QSLs already--one for each fq (Andrew Wallace, MA) See also BIG BOOM, below

Jolly Roger Radio must relocate! Because of an endless stream of red tape and govt regs, it is not possible for us to be in the USA. So we must move to Ireland where pirate radio stns are not shut down [sic]. Costs may exceed 10 kilobucks. Contributions can be sent to Bruce Quinn, JRR, 1812 Crescent Dr, Springfield OH 45504 (Real Times, Bloomington IN, 15/1, via Nancy Basmajian; & direct via RIB) but the Irish govt is now tightening up...

"KUTE" on 7400 0600-0610* 25/12, rock mx, gave 1-212-365-9979 to call & talk; said would only be twice a year, next time in summer; sounded like ancrs called selves Tom Stockcar and Gary Green. SIO 322 (Thomas Semesky, Gary IN)

"WOIS" hrd on 7435 12/12 0700-0709, Blue Oyster Cult mx, "Great WOIS essay contest," Stones mx, ID as "America's Favorite Pirate Stn," addr, SASE request. Vly good sigs rapidly faded out soon after; also hrd on 7424 7/1 0130-0156* rock instls, IDs, phone loops didn't work (Gregg Bares, CT) 12/12 0656-0743* on 7435, fq IDs, mailing addr for reports, SASE; voice audio poor, sig strong, QSL rxd in 3 weeks, hrd again 10/1 0645-0725* on 7355 (Greg Ravenhorst, MN) Hrd 6/1 7425 0055-0130+ w/rock, Steve Martin, etc; opened loop but couldn't catch, F-G but undermod (Scott McClellan) 26/1 7425 2218-2438*. G sig, mbg, editorial against SSB being, took calls at (516) 654-9906, also hrd testing 6/2 1800-2120* on 14445, SIO 454 at times. Took calls at same number, s/off w/NA; lots of comedy (McClellan) 26/1 7428 2300-2437* w/mx, taking calls, got them from Battle Creek & Washington DC, said 50 W; vly str, +35 over S9; almost no QRM, mod pretty good, ancd Potsdam addr (Andrew Wallace, MA) Tnx to Bares tip hrd 6/2 on 14445 (and later 14453) 1814-2119*, mostly Britcom (Python sketches), tech difficulties. Got less than 5 calls, one from Chelmsford; said mail drop not getting any and was maybe being stopped. Perhaps we should sent it to WPOT since he said they know each other. Was testing in EU (Wallace, MA)

R Xenon 7385, rock 0702, mentd Frank N Stein to abrupt 0705* 17/1 (Karl Forth, IL)

Big Boom R (not Big Ben) hrd 24/1 0305-0420, SIO 454 on 6238; seemingly a test, cutting songs off in middle, several IDs, no addr, VG audio. Suspect near me, judging from sig here and how poor it was elsewhere; also 7/2, closer to 6840 around 0230 (McClellan, Battle Creek MI) Did you mean to say 6238?? (gh) Big Boom R, 0230-0423* vly unpro, "OK, this is me with your audio identification..." and 6840 kcs in 49mb, power 100 W; killed by ute 0355. Think it's same person claiming to be VoVoyageur two weeks earlier (Steve Webster, DX Ontario) 24/1 6840, 0300-0400 continuous pop songs, 0325 ID, test anmt, counts, past 0400 (Bill DuMage, DXO)

R Gibraltar International on Radio Ship Tropicana, 11910 1652-1724 f/out 3/1, VG sig; in the middle of bc of rock mx, ancd fq change to 11970, ancr name given as Ken Andrews (Ken Walters, DX S Florida) 3/1 1800 on 11970, EG rock, "10 meters SSW of Gibraltar, be listening for future bcs, the big RGI"; fq ch ancd from 11940 to 11970, G at 1800 but steadily worse to 1825 f/out (Scott Knelan/g or djer, IN, SPEEDX)

R Bouvet 7390 0620-0635 f/out "Sunrise Show", lots of Doobie Bros mx, Byrds, TCs in GMT, 20/12 (Greg Ravenhorst, MN) 14648 27/12 1835-1855, instl rock & elec mx, anmts by OH w/phony-sounding Irish accent, "Stevie Jones", claimed to be closing down SW relay but continuing on 107.9 and 203m; fq drifted up from 14648 to 14650 at 1845; good mod, weak sig, fair reception, but folks, if you're going to attempt a hoax, at least make it remotely believable, hi. Tnx McClellan who had much better reception (Gregg Bares, CT) 14650 27/12 1836-1855* pops, claiming to be in Irish Republic, but must be in Nam, SIO 454, mentd NYE bc at 2200 (Scott McClellan, MI) 31/12 2230-0030 on 7438a, counting down minutes to 0000 GMT & 1982, claimed to be NYE party live from Trinity College Theatre in central Dublin, mentd nx at 0230, 0600, 0800, VG sig; doubt Irish since: 1) in like gangbusters, audible w/RF gain turned down to zero; 2) gave FM fq as 107.9 whilst EU FM only goes up to 104, no 3) They said "FM" instead of usual EU term "VHF"; 4) "This is Don Perry...you need Ralph Jensen's smoking stick tuning oil..." Damn near freaked out when hrd that ad. Anybody know who and where this is? (Mike Brooker, Toronto, Ont) 7433.5, 31/12 2300-0100* NYE pgm as above, dance mx; s/off said SW would return Sunday morn at 6; excellent strength in Toronto (Mike Bolitho) same time & fq, local strength sigs. must be in Toronto; crowd noises; Operating Bouvet was quite an immature act (Neil Wolfish, Toronto) 1/1 0000-0100* on 7430a, lots of noise, yelling, mx in background as John Bull & Peter Jones report live from Trinity College; went on for 25 mins, then ID, ad for Bull's "Sunrise" pgm in morns, said was on 24h. All this may be hoax (Thomas Semesky, Gary IN) Also hrd in Nam only on 2nd harmonic 14700 (John Campbell, RNNN 11/2) A genuine 24-karat fake, rather good quality, congrats! Admiral Bouvet was mainly responsible for fouling up plans for

the Irish revolution of 1798 and delaying Irish independence for over 120 years (Campbell, Feb DSWCI SW News)

R Quadro International 7424, 0110-0120 mx by Grace Slick, M DJ w/heavy GM accent, addr for QSL w/2 IRCs. ID & phone as (212) 626-9906; got busy sig; bc was to NAM, 13/12 (Dave Valko, PA) 7425 to 0119* 13/12, relayed via US pirate, spl pgm for NAM; Am anc gave phone number, said calls would be taped and sent to RQ. Pgm anc was "George Strom," offered QSL, info sheet, stickers (Jerry Berg, MA, SPEDX)

V of the Pyramids probably in mid-West, considering some tests for Eu, probably 0400-0600 on Sats or Suns, on 6240; usually old rock mx, 7-note IS preceding, probably addr via McClellan (John Campbell, Jan DSWCI SWN) 26/12 testing on 6240 around 0500, went off, returned 0515-0525*, G sigs, but tech problems on live anmts which seemd cured by 27/12 0750-0805 on 7398; variety of mx, BC box (Bares, CT) 26/12 0516-0524* gd sig, OK mod, 0520 apologized for problems w/30 yr old xmtr. "You probably can't understand a word I'm saying." FRG-7 produces incredible amount of 49m trash around here (Richard Stoller, NY) Agreed (gh) 27/12 on 7400a 0754-0806*, rock by Aerosmith, testing to Eu, 100 W, welcomed reports to BC box, many IDs, TC in GMT, G sig (Shane Mercer, Tyler TX) 1/1 0550 on 6240, strong, usual stuff, Queen mx, BBI net (John Fisher, Chelmsford MA) 1/1 6240 t/in 0536, 3 Beatle songs, ID, addr, said would leave in case Dublin tested here at *0600; fair (Terry L Krueger, FL) 1/1 6240 0550-0555* usual mx, 100 W, Dublin didn't show up, off w/We are the Champions (Andrew Wallace, MA)

"WPOT" 27/12 test hrd in several EU countries and by Vashek Korinek in S Africa (John Campbell, DSWCI SWN) 1902 t/in 14549 f/down after first 10 mins, but back up at 1947 w/Sex Pistols (Mark Warner, UK, WDXC Contact) 1900-2112 14550, G strength at first but got worse; rock & IDs in other langs (Dean Rekich, PA) Believe it's somewhere in NY; I'm sure it was WPOT getting ready for Eu test early 26/12 1625 non stop mx on 14550; 27/12 at 1550, 20 over 9, back at 1900 for Eu, and power as 100 W, funny sounding YL gave IDs in FR, GM; "Chuck Wood" had strong NYC-type accent: "...wid yuhs on de radio...", extremely strong for 100 W (Steve Webster, DX Ontario) 27/12 1912 14550 many IDs, addr, from NE US, Police, Led Zep, G (Gavaras, MN) 27/12 14550 *1901-2112* superb sig, SIO 544, great audio, IDs in EG, FR, GM, IT (McClellan) Vy weak 27/12 1900 14550 (Chris Smolinski, MD) ude QRM 1913-1950 27/12 14550 (Valko, PA) As sked on 14550 27/12 1900-2035+ rock, QSL as in Jan FRENDX, test to Eu, quite weak here but seemed one of their better efforts (Gregg Bares, CT) 35354 27/12, 100W to Eu (Tim Lilley, Westover WV) 27/12 1900-2112* on 14550, VG, SIO 433 (Thomas Semesky, Gary IN) G 27/12 on 14549 (Jay Novello, NY) 16/2 on 6815 0233-0310 when ute became severe; drifting to 6820, playing recording of "Pirate Joe, Pirate 91. KSUN 91.5 MHz", callers putting down legal NY stns. I still haven't rxd QSL for their Thanksgiving bc (Kraig W Krist, VA)

"WGUT" on 1630 kHz, 1/1 0455, E sig, callin format, pro sounding, "the largest underground broadcaster." DJ called self "U Hugh", several phone #s incl 212-432-9979 (John Fisher, Chelmsford MA) 1/1 0521-0540 pop mx, IDs, phone 518 [NE NY state]-370-9947, "Hugh Huge" asked callers to describe 1981 in one sentence, and "What were you doing in Boston?"--inside joke as they ancd NYC QTH. G audio & G sig (Don Moore, Bellefonte PA) On 1630 & weak 3260 harmonic 1/1 0810-1000*, quite pro NYC pirate, oldies, 432-number. DXers phoning in were given a QSL addr to send reports to. Very slick anc (Gregg Bares, CT) 10/1 1630 at 0715-0830, calls to 212-257-9906, poor sig, increased to fair briefly at 0804 ID; phone always busy (McClellan) 3/1 on 1630 at 0630, ancd sounds like same one who ran WFAT (Richard McVicar, DX Ontario) 10/1 on 1630 0645-0935 w/Hugh Hughes and engr Gus Guts taking calls, some from Canada, oldies; Hugh said "Hey, Gus, what the hell was that?!" when a CBER driving by came thru their amp. Great strength (Andrew Wallace, MA)

"WBUZ", FM pirate on 103.1 in Bayport, Long Island area, made it into Newsday radio listings. Rökter, eluding FCC by regularly moving studio & xmtr. Listing was "LI Talks Back", call-in at 8 pm. Newspaper said the listing was phoned in. "Buzz Radio" has been operating for past several months, apx 10 mi radius from Bayport (AP, NY, 2/2 via Dave Alpert, NYC)

R Clandestine 6/2 on 15295a, just caught s/off 1704, great sig. RF Burns, would you please contact me??? (Scott McClellan, addr two pages back) Hrd on LI 16/1, 23/1, pro & interesting pgms around 1600, strong on 9680a (SWNS) 5990, 2130-2135* 2/1, RF Burns, "alternative to hum-drum radio", IDs, very pro sound, off in mid-song about nose jobs, fair w/some QRM. How about a QSL? (Dave Valko, Dunlo PA) 6140, 18/12 0130-0136* some sort of comedy routine, s/off anmt, difficult copy w/big boys 5 kHz on either side, tnx McClellan (Gregg Bares, Wash DC) 17/12 at 1545 around 11925a, "your Long John Silver Wireless stn", "off the NAM coast," "#1 pirate bootlegger", 1600 pgm "Top 40 Education", a satire of high-school, abrupt 1617* (Andy Reid, Ont, DX Ontario) Re D'Antonio's request in Jan RIB, I logged it on 5/4/81 on 11740 at 1650, same basic pgm; as clear as a local 50 kW stn (Larry Michalski, Buffalo NY)

R Morania 29086.5, 1810-1835 8/11, many IDs, talk abt spaghetti harvest, anc Pierre Rodriguez [sic] interviewed worker named "Kettle" Ferguson. 1827 Morania Mailbag mentd several DX-ers; still going strong at 1835, said from Spaghetti City, capital of Morania. No doubt someone w/ham xmtr and a satirical wit (Bill Smith, Uxbridge MA, Jan NNRC)

R Asteroid counter broadcast 10 kHz up from WPOT's 14550, 26/12 1625, claimed to be on air for sole purpose of denouncing the stn "10 kHz down the band," classical mx. Perhaps an annoyed ham who didn't appreciate someone blaring "vile tunes" so close to his band (Steve Webster, DX Ontario)

Pirate Radio Central hrd 31/1 on 1618, 0530-0800+, F-G sig, rarely had deep fade. Oldies at first, then took calls at 212-352-9906, fairly pro-sounding; my 40th NAM pirate (Scott McClellan, MI) 31/1 on 1616 from 0636 6/in to 0933*, vy strong and pro, took calls, got them from Battle Creek, Washington, Wilmington DE, Ottawa, and someone from "R Free Labrador" w/fake EG accent; this one is anti-nuke, anti-war (who would be pro?), and enjoyed very political conversations; s/off w/Amazing Grace (Andrew Wallace, MA) 31/1 0643-0734 on 1616; 0658 w/above phone, also had Chicago caller on air at 0729, 0734 I got thru to them. Very high quality technically & artistically, sounded completely pro; vy str sig, some fades (Frank N Decker, Syra-

cause NY) On 1616 at 0747 31/1 till fading into QRM around 0830; records and phone-in as above. Strongest sig I rxd was on my loop north/south of here in E Central IN. DJ named Larry; needed narrow filter (Jeff Brown, Alexandria IN) Few professionals would let it sound that way! Obviously fed to xmt site by ordinary phone line. Yuck! They wouldn't even give a close approximation of how much power. I can't imagine McClellan or Wallace saying it had a "pro sound," they know better [Well, they did!]. I would prefer R Xenon, R Freeway, or R North Star International (Steve Bonadio, Watertown NY)

PRN, 1620, 4/1 0510-0549*, test bc of album cuts, fairly fqt anmts by Mr Electricity to keep checking fq for regular xmsns in near future; many IDs, pse QSL (Gregg Bares, CT) Very poor on 1620 4/1 0520 test xmsn, tmx Bares, (McClellan)

Free Radio 1615 hrd 20/12 & 26/12 on 1616/1617v, 0500+, L&C, jazz, etc. IDs claim offshore opn, as does DJ when one calls 516-654-9900 as given. That's a number in Holtsville/Medford LI, apparently commercial. DJ sure sounds like a familiar 75m AMer to me! Said something about a pirate net and to watch 15300 daytimes (Richard Stoller, NY) Another new one, 28/12 0508-0538* on 1615, rock, bluegrass, fqt anmts, "the east coast's only alternative non-commercial AM radio stn...", and at s/off said "060 by the D-Z(?) BCING Co", vy good at peaks, but subject to long slow fades; my 13th pirate in 24h (Gregg Bares, CT) 28/12 at 0525, mx variety, IDs; also 1/1 0510 comedy, ID over jazz, fair at peaks, long fades, bad het (McClellan, MI) 1/1 0412 pop mx, Lennon, comedy, ID, "...from a tiny island somewhere offshore the US". Sig G to F w/het at times (John Fisher, MA) 31/1 on 1615 0441-0510 t/out playing well-done comedy (Ronald McDonald house, PSAs, etc) and IDs every couple minutes (Andrew Wallace) "MFUN", 1620, 30/12 0429-0500+ w/sloppy M inviting calls at 212-529-9906 of which I was the first. Average age of 2 callers following me was approx 12 or 13. Eqp was "Rudy Vallee megaphone & wet piece of string," so I was told. Fair sig; only a jerk would operate on the sweep harmonic & this guy was obviously a jerk (Richard Stoller, NY)

R Douche, a stn with quite a difference, hrd 2/1 on 1630 [time?], quiz game show--contestant guessed his own name for a few tons of hashish, Douchy Question of the Week (since the courts have ruled life begins at conception, everyone has to move birthday back 9 months, right?), mx by Arlo Guthrie, IDs as "the Cleansing station. Here to clean the mind and ouch! the soul." Good level, but strange (Andrew Wallace, Chelmsford MA)

Spv Numbers 14/2 on 6060 at 2135, same lady hrd on diff fqs; just caught last couple mins of xmsn; wonder if just a coincidence that this is R Havana's fq (Chuck Oliver, Spring TX) It seems that numbers stns are becoming "letters" stns; 8/1 Robert Rowe in TX obs YL reading random letters on 12950a until 0630; definitely sounds like same strange-accented YL hrd on the "SYN2" marker (SWNS)

R Marti Reagan has appointed a 10-member commission on broadcasting to Cuba, headed by F. Clifton White, conservative political consultant. Others include Joseph Coors, George Jacobs, Charles Z Wick and Jorge L Mas (AP 19/1 via Alpert) 14 Democrat congressmen are circulating a letter in the House opposing the plan; group headed by Ron Dellums, CA & Henry Reuss of WI (AP, 5/2 via Alpert & Bill Dymond, PA, RIB) Cuban Americans are applying "by the hundreds" for jobs with the anti-Castro stn tho the project has no funds, xmtrs or staff (Daytona Beach News Journal 28/11, via NNRC) The Cuban-American Natl Foundation, 1625 "Eye" St NW, Washington DC 20006, has published a position paper, "US Radio Broadcasting to Cuba--Policy Implications," for \$1, by Jorge L Mas, one of the commission members; 20 pp (via D Walcutt) LV de Alpha 66, hrd 10/2 on 7039 *0200-0226*, for a change they were rock solid on 7039 with no drift. After usual 10-note IS, theme song, & IDs, they discarded usual format and aired a full length talk by Andrés Nazario Sargén, Sec. Gen. de A66 (Steve Reinstein, FL) Assumed the one drifting from 7031 at 0210 to 7043 at 0305, long talk against Castro regime, some songs, no ID hrd (Jean-Jacques Bloch, Mandelieu, France, 30/1)

R Antorcha Martiana returned 10/2, 0307-0324* on 7075. A one-man show w/long monolog and no mx at all. Usual ID as "Esta es R.A.M., órgano radial del Movimiento Insurreccionario Martiano", Ancd fq as 7070-7080, banda de 40 metros (Steve Reinstein, FL)

R Mambí, LV de la Junta Patriótica Cubana showed up 24/1 *0103-0121* on 7082, gave sked of 7 AM & 8 PM everyday on 7070-7080. Addr as Apartado 68045, Caracas, Venezuela. Strong sig but xmt off & on sporadically and they repeated tape 4 or 5 times. 0119, played exact same IS as used by LV de Alpha 66. At least 2 men and 1 woman ancrs, all shouted in unison "Viva Cuba Libre" just before 0121* (Steve Reinstein, FL) 7082, *1200v-1215* or 1234*, F-P 27/12, P on 28/12 & 30/12; 1200 IS by the electrone, ID, sked as above (Komatsubara, Hirahara, Hirata, Japan, R Nuevo Mundo)

LV de Cuba Independiente y Democrática I see the 'y' used in press reports, so I guess we'd better (John Santosuosso, NNRC) Easily missed in rapid speech (gh) Two possible addr as 10000 SW 37 Terr, Miami FL 33165; Apartado 76633, El Marqués, Caracas, Venezuela (Gerry Dexter via John Santosuosso via DSUWI SWN)

R Quince de Septiembre was off-air 17-23/1; claimed for reasons beyond its control, i.e. because the (Nic) army oppressing the people was very close to us; R QDS, the offl voice of the Nic democratic forces, has had to move to another place." (WBI 28/1) Since returning to air 23/1, extended xmsn span to 0300-0430 & 1100+ on fqs around 5565 (WBI 4/2) 5565, 0310-0352* many IDs, some jamming from 0335. River Kwai march at t/in, talk against the dictadura militar en Nicaragua, sked given as 5:30 am and 9 pm (local), "Somos los Somocistas de hoy" [did they really say that? gh], s/off w/presumed Nic NA (Jean-Jacques Bloch, France, 30/1) 5565, 0330-0406* 10/2, 0330 "Comunicando con la Costa", Miskito 0333-0336 & 0340-0342; EG 0344-0346 w/details of Sandinista crimes; named 4 preachers captured by Sandinistas (R'stein)

R Farabundo Martí unID rev stn in SP mentioning Salvador, 6897 22/1 0100-0105, gave two fqs, terrible mod, loud hum (Chuck Oliver, TX) Cuban news agency reported 20/1 this new guerrilla stn would xmit from Chalatenango Dept (El Salvador) on Hond border to beging regular bc 22/1; obs varying 6896-6905 (WBI 28/1) 6900 hrd 0135-0202*, ID 0155, sked as 7-8pm local (Bloch, France) Hrd 1/2 *0130, weak, varied 6911-6914; measured at 0142 on 6912.3; my first cland

(Joe Hanlon, Philadelphia PA) RFM, supports FMLN, hostile to Salv govt, sked 0100-0200(Sun & Mon 0130-0230), & 1100-1200 in SP, also on unconfirmed fq 6000 (WBI 4/2) On RNMB 18/2, the suspicious John Campbell suggested one of the Salv clans might be black, i.e. not really on the FMLN side but pretending to be. I think the other alternative, that the FMLN are not putting all their radio eggs in one basket, is far more likely (gh)

R Venceremos 6906.5, 0050-0132, many clear IDs, sked as 6-7 am & 6-7 pm LT on 7 MHz (Jean-Jacques Bloch, Cannes, France, 30/1) 6906 0001-0028 31/1, ID, songs, at one point ancr making sounds like an attacking airplane! Abruptly off at 0028 (Kraig W Krist, VA) 6905-6911, sked in SP 0000-0100 (Sun/Mon to 0130), 1200-1300; Sun also at 1400-1600 (WBI 4/2)

R Unidad, 7000 kHz sked 0100-0200 Sat & Sun, in SP. Existence of it was first reported in Oct by R Venceremos who claimed it was in Usulután Dept (WBI 4/2) RV would hardly publicize R Unidad if it were a fake, unless to expose it (gh) Any DXers hrd this? ex 2100-2245?

V of the People of Malaya still on 7050-7070v *1130-1330* & *1430-1530* (S Weerakoon, S Lanka)

V of the [sic] Malayan Democracy retimed xmsn, Malay 1215-1300, Chinese 1300-1330 on 6670 & 3525v. Quality of sigs too good for a clandestine from jungle w/mobile units (Weerakoon) G level, presumed 10 kW VOMD on 6670, martial vocals, instls, short comment by M between to 1338 when had two pretty clear repeated phrases, almost surely the ID, a few more words, and off, 2/2; unable to get to 3505 to check //. Exciting (Dave Newkirk, Seattle WA)

V of Democratic Kampuchea via R Peking, hrd in Khmer on 6810v 1200-1255 (Weerakoon Sri Lanka)

V of the People of Burma hrd again on 5110 on NY Day *1200-1410* // 7570. 5110 off the air after NYD xmsn, probably kept as standby. Morning xmsn *0030 ex *0000 (Sarath Weerakoon, Sri Lanka)

This stn, which supports the Burma Communist Party, resumed regular bc on 5110 in addn to 7570; 0030-0240 & 1200-1410. The VOPB has used 5110 from time to time as addl channel to issue important statements, this has usually been discontinued the week following such a statement (WBI 4/2)

R Iran, supporting ex-premier Bakhtiar, hostile to Khomeyni, and 19/1 that "in order to improve further the quality of sound and ensure closer contact w/the rising Iranian nation, R Iran had successfully established two more radio xmtrs w/help of the self-sacrificing combatants of the National Resistance Movement of Iran". The two new xmtrs would become operational 22/1 in 41m, 7174 kHz (sic) and 91.8m = 3358 (sic), as well as on 31m. R Iran was found to be broadcasting on 23/1 its 1330-1430 xmsn on 9584.8, 7180.2 and 3367.2--the latter two fqs have been and are still used for R Baghdad's Persian svc 1600-2200 (WBI 28/1)

Free Voice of Iran This stn and that its "2 new xmtrs in the N & W of our country" (Iran) became opnl 21/1. Since then, FVOI hrd at 1500 on 9580v, 7180, 3367, the latter two channels being used at other times by R Baghdad's Persian svc (WBI 28/1)

V of Iran Nation (R Saada-e Milli-e-Iran), in Persian 1600 28/7 commentary on escape of ex-president, SINPO 55555 on 25530 (unID contrib to Asian DX Review Aug 81 [just received by sea mail though supposed to be airmail], edited by José Jacob)

V of the Arab Revolution, hostile to right-wing elements in Lebanon, hrd 1/2 on 1186 w/pgm in Armenian 1333-1430; previously had been only in AR (WBI 4/2)

V of Namibia, via Angola 9535, 1630 19/1, mx from Moscow, YL w/interesting talk, blunt and to the point about what SWAPO wants to do to S Africa; in EG (Nathan Murff, Albuquerque NM) VON and R Freedom pgms widely hrd on 9595 via Addis Ababa, 1900-1930 & 1930-2000 resp. Some items are rather imaginative, e.g. a "secret recording" of Gen. Magnus Malan addressing a Broederbond meeting - in African-accented EG. R Freedom via Madagascar has dropped 5010 lately and is now hrd only on 6135, xmsn time may be extended, noted closing 2010 10/1; opens around 17-30, I think (John Campbell, v/Vashek Korinek et al., DSWCI SWN) see also MADAGASCAR, ahead...

UNIDENTIFIED 15666 Arabic mx 0740, ID but only hrd "Idha'at..." part of it; vy weak and not SSB as I first thought, 31/1. Flutter; reminds me of Israeli Reshet-Bet [which is Hebrew] (Mitch Sams, AR) 11865 2/2 1225, oriental, first tuned in on 11863, and then crept up to 11866; C&W mx at first, then went to native. Maybe Taiwan or Korean; hum on carrier, bad fade by 1240, and whistle developed; had to leave for work. Carrier went from S6 to 0 in 20 mins (Chuck Oliver, Spring TX) 7390 pirate 31/1 0304-0433* w/ mx by same male vocal group off albums, played right thru w/out any IDs, G level, but disappointing they didn't even ID at s/off (Andrew Wallace, MA) 6815 stn w/Andean mx peaking around 0535 (Phil Marshall, GA, 25/1) 6750+ 10/1 1000-1039 religion in FR w/closing ID in FR, GM & IT, to return following Sunday; G (M. Florida, Play-DX, Italy)

KEY Letters along left margin enable you to spot items in categories of interest: D = death, E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, P = future plans, Q - QSL info, S = stamps/postal, T = time jumps, V = television, X = DX programs

✓ ZIMBABWE can be logged on new fq 3307, R Two pgm as early as 1700 (Finn Krone, Denmark, AWR DX 27/12 via DSWCI) Measured fqs compared to nominals, 18/12: 3307.2 (3306), 3395.8 (3396); 16/12: 7121.2 (7175), 7283.7 (7285) (Vashek Kofinek, AWR DX 10/1 via DSWCI SWN) Radio Two *0325 daily on 3306; R One *0325 weekdays only, *0400 Suns, on 3396 (R Ginbey, RSA RNMB)

✓ ZAIRE Lu du Zaire now slightly lower on 15349, vy strong 2300-0400 w/FR nx & Afro mx, //15245 but only one fq some days. Until recently was on 15349.7; 15349 was rptd as Lubumbashi xmtr in 1975 (Ernie Behr, Ont., 8/2) A 1949 QSL from OTC "in the heart of Africa" has printed on it the fq 9767 Kc, N.B. those following 9770 'off frequency' (gh. from WWDXC DX Magazine)

✓ YUGOSLAVIA R Sarajevo, HS relay, Suns only, noted for first time on 9620 //11735 0730-0800 in SC, weekend svc for Yugos abroad; via LP, G level 7/2 (Bob Padula, Vic.) R Zagreb, often hrd on 3204, Croatian 1539-0142, 2 x 1602 (Gropazzi Alessandro [sic], Italy, DSWCI)

✓ YEMEN SOUTHEAST DYBS Aden hrd on 6005 most nites since late Dec, best 0305 10/1 w/AR mx pgm, ME mx, instl mx w/elec effects, ID by YL 0329½, mily mx, 0330 nx by OM, 0339 into dramatic pgm (Karl Forth, Chicago IL)

✓ VIETNAM VOV EG xmsn at 2030 now ½ hour w/FR at 2100 on 10040. S/off anat indicated EG at E 10, 11, 1530, 16, 18, 19, 2030, 2330. No key as to length, but piggy-backing 1530 & 1600 unseems likely unless different fqs (ungiven), 13/2 (Tony Pavick, Latrobe PA) Since 1/2,

VOV FR half-hour 1300 1830 1930 2100 on 10040 12035 15012 (French SCDX reporter 16/2) EG all 1/2-hrs now: 1000 1100 on 12035 10080; 1330 1600 1800 1900 2030 on 11840 10040; 2330 on 12035 10080 (WBI 11/2) And look for 15010 to come back seasonally, spring? VOV ancd that from 1/2 it'd reorganize bcs to China, on 25, 31, 49 and 297 m (probably 11750 10010 6427 1010) thus: (all half-hour) Std Ch 05, 1130, 1230, 1330, 14; and for the Chinese Army at 0000, 04, 13, 15. Cantonese 0430, 11, 12, 13, 1430; and for Chi Army 0030 0330 1330 1530. Unclear yet what effect this will have on rest of sked. Has designated certain Chi xmsns for Army since 11/79 amounting to 8h per week in Std; now army portions add up to 14h per week in each lang (WBI 4/2) Bac Thai reappeared on 6445 10/1 *1125-1330*, not the usual powerhouse sigs as earlier when on 6570 couple months ago. Strong splash from adjacent Hanoi 6450; but 17/1 on 6720v, probably ordered by Hanoi to move out, but silent again 22/1. Lai Chau on 5335v +1100-1215* ex-6915 while parallel remains untraced; since 22/1 hrd on 5295. Quang Ninh 4680v *1200-1300* while Gia Lai Kon Tum on 6487 *2230-0030*, add +1130-1215*. Cao Bang on 6529 1200-1330(Wed/Fri 1400). Hoang Lien Son 5395// 6605v *0000-0030* & *1200-1330(Thu/Sun 1400)* forced Pakse move down. Nghe Tinh 4783 +1200-1315* often unpredictable due to QRM. Ha Tuyen 4820v +1200-1400* while Son La 1140-1400 on 4770 & 6330. No sign of Phn Kanh 5139 and Than Hoa 4880. On Sun 24/1, GLKT 4687 hrd at rather odd hour of 1730, midnight in Viet, relaying Hanoi HS 6450 & 4944. Other regionals untraced at this time, sp1 bc? (Sarah Weerakoon, Sri Lanka) Sure, why not for Tet? (gh)

✓ VATICAN New 0200-0215 bc in EG says for SEAs, not ANZ, 7250 best here if hams relent, 9605 E QRMcd by BHC-9600, 11845 CCI RCI (Joe Hanlon, PA) RV recently introed new OOB 7450 for Eu xmsns 1530-2200, first reported by Shigenori Aoki, Nagoya DXers Circle (RA DX 31/1) Their Feb sked still shows only 7250 in that range; wouldn't be the first time they've lied about OOB usage (gh) Since about third Dec week, VR extends daily Polish pgm 1515 on 11740 9645 7250 6210 1530 from 15 to approx 25 mins; other two, 1915 & 0500, remain 15 min (WBI 28/1)

✓ UZBEKISTAN 10/1 Pravda Vostoka says R Tashkent has myriads of peoples listening on all continents; last year rxd over 5 kiloletters from nearly 70 countries (WBI 28/1) Not a lot

✓ U S S R Lots of seasonal fq changes effective 7/3, probably only until 1/4 when time shifts take place (gh) R Moscow HS in RS to NAM from 7/3: 7150 2330-0030 & 0130-0200. 7185 2230-0400. 7290 2100-2200 & 2230-0300. 7400 2100-0330. 9545 1530-2100. 9610 0600-1030. 9665 2230-0400. 9685 0500-1100. 9710 0400-0430. 9765 0400-0600. 9810 1600-1830. 11700 0700-1000 & 1600-1930. 11790 2330-0030 & 0130-0300. 11870 1630-2100. 12010 2200-2230. 12060 2230-2300. 12070 0500-1700. 15100 2330-0030 & 0130-0300. 15210 0600-1500. 15240 2330-0030 & 0130-0300. 15455 1200-1800. 17870 2130-2200, 2330-0030, 0130-0300 (via DX S FL)

E R Moscow NAM svcs in EG from March 7: 2300-0100: 21.53 17.72 15.14 15.45 11.73 11.78* from 0000 11.86 11.96 12.01* from 2330 12.05 9.61 9.71 9.76 6.11* from 0000 0.60 [actually Quban relay on 600 kHz was dropped months ago, and 6115 never used this winter, stayed on 9600--propagational decision or faulty equipment?]. 0100-0300 21.53 17.72 15.45 15.14 12.05 12.01 11.96 11.86 11.78 9.76 9.71 9.70* from 0130 9.61 7.19* from 0130 6.11 0.60 [as above]. 0300-0400: 17.72 15.45 15.14 12.05 12.01 11.96 11.86 9.76 9.70 9.61 9.58* from 0330 7.19 6.11 0.60 [as above]; to WNAM 0400-0500 15.47 15.45 15.24 15.14 12.05 12.01 9.58 7.26; 0500-0800: 15.47 15.24* till 0700 12.05 12.01 11.75* from 0530 11.71 9.58 [as usual, some are 5 kHz higher] (via Christos Rigas & Kraig W Krist) RMWS to ENAM as of 7/3: 0400-0500 11.96 11.79 9.80 9.75 9.61 7.19 6.11 0.60 [as above]. 0500-0600 11.96 11.79 11.70 9.80 9.75 9.61 7.36 and 7.19; 1000-1100 15.13 12.01 11.77 9.60 7.19; 1100-1200 15.13 12.01 11.77 9.60 0.60 [600 kHz also off at this hour, but 9600 is OK]; 1200-1300 17.81 15.15, 15.13 12.01 9.60 0.6; 1300-1400 17.81 15.15 15.13 11.84 12.01 0.60. 1400-1500 17.81 15.15 15.13 11.84 12.01 1500-1600 12.01 11.84. 1600-1700 12.01 11.86 11.84. 1700-1800 12.01 11.86 11.84 11.70 9.71 9.55 9.50; 1800-2000 12.01 11.86 11.84 11.70 9.71 9.68 9.50 7.44 6.01. 2000-2100 11.86 11.84 11.70 9.71 9.68 9.50 7.44 0.60[sic]; 2100-2200 12.01 11.70 9.71 9.68 9.50 7.44 7.16 0.60 [sic]; 2200-2300 11.86 9.71 9.68 9.61 9.50 7.16 11.01 0.60 [sic]. WNAM: 1300-1600 12.01 11.79 9.79 9.58 7.29 7.17 7.15 5.90. 1600-1700 12.01 11.79 9.58 7.29 7.17 7.15 5.90 1700-1800 12.05 12.01 11.79 9.58 7.29 7.17 5.90. 1800-1900 15.45 12.05 12.01 11.79 9.58 7.29 5.90. 1900-2000 17.72 15.45 11.79 12.05 9.58 7.29. 2000-2100 21.53 17.72 15.45 12.05 11.79 7.29. 2100-2200 21.53 17.72 15.45 15.14 12.05. 2200-2300 21.53 17.72 15.45 15.14 12.05 (via Christos Rigas, IL) NAM svcs on 7440, 31/1 0000 SINPO 45554, never hrd them so clear on this fq before (Kraig W Krist, VA) This one is believed to be from a Central Asian site, ordinarily poor but an important backup during disturbed conditions when usual NAtlantic paths are down and polar paths are enhanced (gh) Third Pgm on SW: 11760 0600-1600, 11690 0500-1600, 9570 0430-1600, 7255 1630-2100, 4055 0400-2100 (WBI 28/1) Maybe out of date

✓ U S A WRNO New Orleans: Test xmsn hrd 18/1 2223-2234 on 11890, "Rock of the World," slight QRM in SP [TWR] (Brian Jablon, Syosset NY) Sure about that date? Costello told me they went on the air for first time 21/1 (gh) 21/1 on 17895 1930:12-1938:21, all 5s SINPO, unhrd on 15355 after 2000 that day on 11890 11965 6155; hrd again 22/1 1837-1957:26 on 17895; 24/1 1917-2230 [on 3 fqs] (John G O'Connell III, Easley SC) 24/1 17895 1837 OC tone, 1844, test IDs, 424, tnx Lazarus tip (Jack Jones, MS) Surprised you got it so well that close on 16m (gh) Test 23/1 2045 on 15105, rock to 2200 (Larry Michalski, Buffalo NY) Fq error? Supposed to be on 15355 then and has been since (gh) Getting reports from all over world except C&S Am; 40 over 9 in NYC; has pgm test auth; installing STL microwave, will be on Sat or Sun if STL works; over 500 responses so far (Costello, ENMN 5/2) 2/2 1801-2000 & 2100-2130 on 15355 but 4/2 hrd their first bc [w/pgming] on 17895, "Hall of Fame BC", Costello took calls from listeners, off at 1905 (O'Connell, RIB) I missed this but hrd *2030 12/2 on 15355 w/mx, to 11890 at 2200-2301* & closed down for the day, (gh) Hrd this too but no show on Sat 13/2 (Joe Hanlon, PA) 14/2 0310 on 6155 Catholic bc from Intl Shrine of St Jude (patron of the hopeless), Russian relg bc 0340, hrd nothing but religion incl GM further on that GMT day (Joel Rubin, CA) 14/2 more EG, Slavic relg; 0633 Ukranian gospel show from Edmonton (gh) 14/2 0555 EEU religious pgm, beautiful sig on 6155, IDing 3 mins past each quarter hour, 0706 moving to 6145; absent at 1600 check of 11945; on at 1800 17895; could hear ABC net

under them. Line into board not isolated? Where's da music? This was all religious and 90% non-English (Tony Pavick, PA) 14/2 17895 55555 1900-2002* religious pgming (Ron Tekulve Jr, Harrison OH) 15/2 1900-2040 call-in pgm from Los Angeles, then back to rock w/ham radio ads, and offers of \$6 WRNO T-shirts; first 1000 persons with correct reports will receive distinctive QSL and become charter members of the WRNO DX Club, QSL 100%, addr P O Box 100, New Orleans LA (no ZIP!!) 15/2 1945 17895 psychiatrist taking phone calls, 2000 continued same pgm on 15355 (Chuck Oliver, TX) Ron Masters, but dropped 24/2; he has strange misogynist worldview; is on clears like WCKY after midnight; knows all. Hanlon and J. Marks on RNMN 18/2 refer to the 'ads' for ham radio from ARRL. I seriously doubt these be paid ads, but instead free public-service announcements as usual on US stns. At last, a DX program on a US SW stn! From 7/3 WRNO carries gh's WORLD OF RADIO, Suns 2330 on 11915, repeated Tues 1900 on 15420, A big thank-you to Joseph Costello! (gh) Full M82 sked: 1800-2200 15420, 2200-2400 11915, 0000-0200 9725, 0200-0600 6155; Sundays 0600-1000 6115, 1000-1100+9715; maybe 12-18 11925 (gh)an AP story in the Jackson Daily News, 2/2, via Jack Jones says \$200,000 of religious time has already been sold. No sign of promised ABC net news except for cutting into it a few seconds at a time instead of dead air 20/2 1800/1900. Also per AP WRNO plans to market blue jeans for \$30. Altho fq changes can be made almost immediately, I don't believe WRNO can go to 21 MHz band. Besides missing ZIP code in T-shirt offer there is some confusion about their address (gh) Report sent to WRNO Worldwide, New Orleans LA 70002 was returned stamped "Unable to deliver as addressed"; looked in ZIP dir & 70002 is not in NO; what gives? Apparently not all reports are being returned, which is fortunate for them (Scott McClellan, MI) Stn is actually in Metairie (gh) ZIP is 70181, hrd 5/1 on 11890, VG (Bob Padula, ADKN) Really? I assume you meant to say 5/2 (gh)

VOA: I keep seeing assumptions in various DX pubs that 26000 kHz during the NAM day is Philippines. People seem to think because a given fq is used by one site at some hour in the 24, or was previously, anything hrd on that fq now must also be that site. That isn't the way things work. It's certainly from a US site, most likely Bethany (gh) Unusual to hear a site ID, but during test Greenville was ancd on 9765 0936 14/1 (Robert Chester, SA, ADKN & RADX) For a major world broadcaster, surprisingly little goes out from VOA to anywhere during this time period, partly because SPac where it is prime-evening-time is of little strategic interest, and partly because it's when Washingtonians would prefer to sleep (gh) Recently new Polish svc on 9605 at 0650 23/1, different pgm to other VOA-Polish svc at this time on 9635 (Bob Padula, Vic, ADKN) A strange practice (gh) VOA, site unk, on 25750 in SP to Lam 1130-1400 (Chester, RADX 24/1) VOA anncs new 17610 for 1130-1400 SP (RN Espacio DX-ista Info DX, Jan) By error? (gh) The Caribbean alternative at 0000 now on 6130 in addn to 17860 & SSB (Ken MacHarg, IN, 28/1) Turned on new rx & hrd foreign lang on 7770 at 0134 14/2 & VOA Breakfast Show on 10452 LSB, into Armenian 0200. Were these harmonics, or what? (Gary Scott, Waxahachie TX) No, harmonics are only integral multiples of fundamental fqs, unintentionally radiated. These were feeders, an antiquated way of getting programs to overseas relay stns. Newcomers are often mystified by them, since many other SWBC editors will not publish them, maintaining they are 'utility,' despite their obvious connexion to being (gh) VOA feeder on 10380 LSB w/carrier polski at 2200--and the jammers have J found it (Loren Cox, Jr., KY) A measure of the seriousness of the situation; feeders u.sual-ly unjammed (gh) VOA and RFE/RL now considering direct satellite broadcasting on SW, such as 11 meters, as a counter to jamming (R Horvitz, March RIB) VOA was 40 yrs old 24/2 (gh)

For convenience of Space Center personnel & Houstonians within short range, continuous 24h coverage of next Space Shuttle flight, sked for 22-29/3, will be broadcast on 171.15 MHz (UPI 5/2 via Alpert, RIB) Anyone else hearing WWV on 10260 & 9740 'round my time of 0508 10/2? VP but clear on 10260; almost unvedent on 9740 but for beeps on minute; \pm 260 kHz (Dave Newkirk, Seattle WA) KK2XJM hrd 3/1 1240-1258 on 24930, continuous carrier & taped amkts 1242 & 1252, reported as only 3 watts; v/weak & deep QSB but QRM free (Gordon Darling, UKOGBANI, WDKC ENS) WYFR M82 EG: Canada 1300-1500 11830, 1500-1800 11830 15365, 1800-1900 15365, 1900-2200 11830 15365, 2200-2300 15365 9535, 2300-2400 15365, 0000-0300 11720, 0300-0400 9675, 0400-0600 6070. Ams 0000-0100 17845, 0100-0400 9715. Eu/Af: Sun 1230-1600 21545 17785; daily: 1700-1800 21615 17845 15440 21465, 1800-2000 21615 15440, 2000-2200 21615 15440 21525, 2200-2300 11855 15440 21525, 2300-2400 21525; times obviously rounded off (gh) No mention of M82 sked via Taiwan, but for Jan & Feb it was China 1205-1605 on 15370, apparently in Mandarin but w/EG lang lessons; India 1402-1702 on 9600 in EG (gh, info from WYFR) Both of these inaudible here, not surprisingly (Joe Hanlon, PA)

World of Radio, gh's half-hour weekly DX program, schedule changes: WCWP 88.1, Brockport-Greenville L1NY, one airing Mondays at 4pm ET; KNUS 710, Denver CO (ex-KERE) Sundays 6:04 a.m. MT. Resumed from 7/3 on KUWR 91.9 Laramie WY, 7 p.m. Sats MT, also via lowpower relays in Casper 88.7, Aspen CO 90.9 & others planned (gh) See also above for WRNO carriage UNITED NATIONS UNR on 5748, 0244 23/1 EG classical mxf fill to 0245, ID, then VOA ID and into UNR pgm in Unid Lang, VG (Tony Clift, Ont) Unsked fq; UNR usually publicizes feeders (gh) U K O G B A N I Inquiries to UK USAF installations in ref to AFRTS SSB on 16454, 9243 have E PRODUCED a complete runaround (David Crawford, FL, NNRC) BBC ISB feeders obs: 20345 EG USB 0900-1130, JP ISB 1100-1130, 23191 USB 1200-1430 EG, 1430-1500 VT; LSB MD 1200-1245, HD 1430-1530, i.a., (Robert Chester, SA, RA DX 24/1) Waveguide 11/2 ancd change from 9510 to 9505 0000-0230 until 7/3, when moves to 25m, 11910 2300-2430, 11835 0030-0230; in responding to my complaint of 6175 reception decline 0000-0500; 9505 is none too good 0100-0200, het, unseems pointed my way; and reception after 0230 still poor (Hank DuRant, Columbia SC) Agree, 9510 afts & eves, or 9505 never better than 9410--why do they keep pretending 9410 isn't for NAM while 9510/9505 is?? (gh) In keeping with new biennial plan, BBC to make more fq & extensive pgm changes 27/3. EG by Radio to Lam moves from 2145 to 2315-2330 M-Sa on 15390 11820, just after curtailed PT svc 2200-2315; xmtrs may then sit idle till SP begins at 0015 as usual. We gain another hour of 25650 to 1615 again, but 1100-1330 portion no longer designated for N&CAm & NWSAm, but instead 21550. 15420 supposedly resuming from

- Mar at 2200-2430. Pre-printed April London Calling believes 9510 still on despite 25m, 2200 L -0430 from UK site. Programming-wise, the Brain of Britain 1982 series starts 5/4, Mons 1215 & 2330, Weds 0830, Thurs 1830. The Honourable Bob Marley, 28/3 1830, 2/4 0030 & 1330. 25 Years of Rock, an extended series covering one year per week, starting with 1955, from 4/4 Suns 1830, Fris 0030 & 1330. (gh) Radio Stoke Poges, continue to make many afternoon tests on 6352 w/10-12 watts and 6553.6 w/2-5 watts; may be getting a crystal for 3594, P which he may amplify to 7188 and triple to 10782 (Podney Sixe, UK, WDXC ENS) For security Q reasons, do not put the stn name on the envelope, just address 88 Queensway, Manningtree, Essex (Sixe & Morris Walker, DSWCI Jan) Has been quiet lately, but may return to 6352½ or 6553.6 eventually; made two short tests 23/1 on 4433.6 alternative fq; insert "Lawford" between Queensway & Manningtree in addr (John Campbell, DSWCI Feb)
- ✓ U A E On new 9550, AR 2030-2055*, inaudible on 15320 & may replace that; QRMoscow co-channel, 23/1 (Bob Padula, Vic.) UAE Radio, Dubai moved off RN's 9590 to 9595 a few days ago, // 11755 11940 (J Marks, RNMN 5/2) 0230-0400+ (gh)
- ✓ UKRAINE R Kiev EC from 7/3: NAm 0030-0100 17870 15240 15100 11790 11770; 0300-0330 on E 17870 15240 15100 11790 9710 9665 (via Kraig W Krist) Clue also to Vilnius, etc (gh)
- ✓ UGANDA R Uganda hrd 19/12 0339-0416* on 15325; audio faded rapidly before power off; again 23/12 0300-0331f; must be testing for I do not hear them every eve (George J Poppin, CA, 23/12) Only there for a week to a sesquiweek in Dec, then hrd again 12/2 0300 just mx, 0400 FR (Chuck Kristan, Delmont PA)
- ✓ TURKS & CAICOS IS. Dan Dunnigan of Quality Media, parent corp of Caribbean Beacon, says new P stn "The Caicos Beacon" on Caicos Island will be on air 1/6/82 on 1570 kHz w/50 kW. They M plan to cover all the east coast; get your WOA-1580 card now, because after 1/6... (Tony Pavick, Latrobe PA)
- ✓ TURKEY VOT reported 20/1 that TRF Dir-Gen said TRT ES would increase from present 29h per P day to 87 when new mxtrs & studios completed this year (WBI 21/1) [Cf Feb IN] Some amendments to VOT EG pgm sked: Sat Last Week in Ankara now called Newsreel; Sun Armenian pgm is called Allegations Rebutted; M-F following nx and Turkish press review are addl 5-min current affairs pgms, e.g. Weds, Review of the Foreign Press (comments on Turkey) (Mike Burden Feb WDXC Contact) Undated VOT EG sked in Feb SPEEDX pp 33-34 seems a few years old (gh)
- ✓ THAILAND HS on 6160, 0800-0830 Thai, NY message from Queen, ID "5000 watts serving Bangkok, Laos and portions of Cambodia," into Thai mx, sig vry faint & fluttery, 1/1 (James Thomas, SC, USDXA Signal) Interesting but rather questionable; 3 pm in Thailand... (gh)
- ✓ TANZANIA RT noted here on 9685 at 1440 several days, SH talks, native mx, 1459* Sig fades a bit towards s/off and is better 1440-1445; I assume this is longpath over Pacific, a mode largely unexplored by East Coasters - at least for Af reception. G 15/1, 20/1, 23/1 but marginal other days, so this is irregular opening; see also Gunnar's unld in Jan IN (Andy Newton, GA) LP great circle from Dar Es Salaam to Atlanta goes over N Madagascar, entire Indian Ocean, skirts SW Australia & S coast, across Vic & NSW, nr New Caledonia, Fiji, Baja California Sur (gh) RT ES still hrd on unsked fq 9684 1530-1945v; fqs 6105 & 15435, supposed to carry this are not in use for very long time now, but 9684 seems to have increased power lately; only other fqs obs are 4785 & 5050 (QTH Africa 20/1)
- ✓ TAIWAN [See also under USA for WYFR relay] Timings of VOFc relays on WYFR seem to vary from day to day, probably pre-shipped tapes: 11855 CH 0400, SP 0505[?] 31/1 (Peter Bunn & Bob Padula, Vic, ADXN) Always have VOFc ancr giving WYFR, Okeechobee IDs sharp on the hour; despite this and wide DX pgm publicity, news of this slow to get out, as I see overseas club reports blithely assuming these are direct from Taiwan (gh) [Cf Feb IN] The address for VOFc as ancd was originally reported by Munz as 24038, but I changed it since I had heard them say 24-38; now they're saying 24038 again. WYFR had a Mailbag feature on the swap 20-21/2 by typically out-of-touch presenters repeatedly referring to VOFc as "Radio Free China"--guess they've never heard it, despite attempt to portray deal as "cultural exchange" between China & US (gh) I really did hear VOFc on 15520 several nites; at the time I did not know WYFR was broadcasting VOFc items; maybe image the lacking usual symptoms (Kraig W Krist, VA)
- ✓ SYRIA Tartus hrd at 2010 26/12 w/mily marches, 2015 AR nx on 2346 kHz (3 x 782) (Albert Kog H. nopfel, via Podney Sixe, WDXN ENS) At last a way to hear this country on SW! (gh)
- ✓ SWITZERLAND SRI final M82: 150 kw exc *250, **500: 0145-0415 6135 **9725 11715 15305. 0430 -0630 **9725 11715. 0600-0645 (from 28/3 0500-) 15430 17715 17840. 0700-0930 9560 15305 **21520 21695. 1030-1300 **15430 17795 21520 *25780. 1315-1515 15305 17830 **21520 *25780 21570. 1530-1800 *15125 17830 **21570 21585. 1815-2030 *15415 **17830 17850 21570. 2045-2245 15305 **17830 17850 21585. 2300-0130 15305 17830 **17850 21585. 0600-2245 *3985 *6165 *9535. (PTT)
- ✓ SWEDEN Final M82 to Nam: 1400-1530 21615 EG, SD, FR. 2300-2330 11705 15270 [ex9695] EG, E 2330-2400 15270 SD. 0200-0230 9695 SD, 0230-0300 9695 EG & 11705 (Froessmark, Gentel Stockholm 29/1) The 1400 & 2300 bcs are on 305°, 0230 on 320°; other non-Eu EG beams: 1230 on 21690 due south; 1400 21700 85°, 2100 15240 180°, new 11955 1450°; 0230 17840 SSB due N from Varberg (Ralf F Munster, Decatur GA)
- ✓ SWAZILAND SCR plans to expand in 1982/1983 (Richard Ginbey, RSA, RN Media Network 11/2)
- ✓ SURINAM R Apintie on 4751 26/1 0308-0400+, not using usual 5006 this nite; mostly MOR pops & bored OM DJ; fair at best (Steve Reinstein, FL, DX S Florida)
- ✓ SRI LANKA has good steady sig here 1600-1630, nx & commentary mostly, on 9720 (Ed Bromley, Port Union, Nfld, 13/1) Coming events in R Monitors Intl DK pgm: 21/3 NRK Norway & R Malaysia; 28/3 Caribbean R Lighthouse & R Zambia; 4/4 Capital R & Ground Loop Antenna; 11/4 King R & OTA w/Vienna DXers (AWR-Asta)
- ✓ SPAIN R Exterior has a new pennant out, free for the asking, per amnts (Alberto Real, DXSF)
- ✓ SOUTH AFRICA From 30/1, R RSA DX Corner will have addl airing Sat 1530; also adopting the X term "UTC" on this stn (R RSA DX 31/1) Checking 25790 next week it was on at 1530; follow-

ing week delayed until 1535; not on Thu as in QTH Af report (gh) R RSA IS played at twice the normal speed 0055-0058 14/2 on 11860. That little bird was twittering away for all that was in him. Somebody asleep at the switch? Very abruptly yanked off (Tony Pavick, PA) I'd think it would be on cart which are normally monospedal, as opposed to reel tape (gh)

E SABC EG on 4835 M-F s/on moved up to 0350 ex-0400 (Richard Ginbey, RNMN 11/2) Capital Radio Transkei w/24h sked adjusted 7150 to 7160 (QTH Africa 30/1) Soon back on 7150 (QTH Af 10/2)

✓ SEYCHELLES FEBA on 11820 1615 in unID Af lang, 1700 sudden power boost to 1715*; or beam change? 9/2 (Ernie Behr, Ont) Per DB1 sked, 1612-1700 on 11820 with broad beam 100 kW @ 2800; 1700-1715 (Fri/Sat 1730) on 11820 100 kW narrow beam @ 3280, and the same holds true for M82 except the 1730 extension is Wed-Sat. This correlates nicely, as Kenora is about 335° from Mahe. Narrow beam is 36° @ 6 dB points. Tentative M82 sked shows many changes in fq and times: 7275 0042-0145. 9510 1827-1845(Sa,Su 1900). 9760 0042-0115 presumably // 11860 sked at the same time. 11760 0127-0245. 11800 1742-1830. 11810 0312-0530. 11820 1612-1718(W-Sa 1733). 11855 0157-0300. 11865 1222-1615. 11930 1627-1730. 15130 0127-02 30. 15200 0312-0530. 15235 0712--0815(Sa,Su 0830). 15305 1742-1830. 15325 1222-1600. 15405 1057-1200. 15410 0230-0245(T-Sa 0315), 0327-0430* 1612-1718(W-Sa 1733). 15430 0912-1000. 17740 0712-0815(Sa,Su 0830). 17875 1057-1200. The 1857-2000 xmsn is dropped (gh) Guardian article Monday says FEBA looking for two EG SWBcers who will get free housing and allowance to reach a [potential!] audience of a gigaperson in the FEBA nx dept; without them FEBA will have to reduce to 25 min of nx; Only catch: must also be Christian missionaries (RNMN 28/1) You mean, the news is slanted for a Christian angle? (gh) *Fri 0500

✓ SA/UDI ARABIA Tnx to Phil Marshall tip, noted BSKSA Riyadh HS on 5260 2225 20/1, usual pgm, // 5875 & 15060, good sig on this unlisted (q) (Andy Newton, Ga) Riyadh back on odd fq of 21430 at 1145 Indonesian // 21670 28/12 (Pat Fitzgerald, Vic, ADXN) /to 6115 0200 (Bromley)

✓ ROMANIA R Bucharest svcs to Americas: 2200-2300 SP 1940 9570, 2300-2400 RM 11940 11810 E 9570 9510 6155 5990. 0000-0100 SP, 0100-0130 PT, 0130-0200 RM, 0200-0300 EG, 0300-0400 SP all on 15380 15225 11940 11810 9570 9510 6155 5990, 0400-0430 EG same except 15255--typo? Other EG: 0530-0600 Af 15365 15340 11840. 0645-0715 Pac 17815 15335 15250 11940. 1045-11 not Sun Eu 17870 15250 11940. 1200-1230 As 17890 15340. 1300-1330 Eu 17850 15250 11940. 1500-1530 As 17815 15335 11775. 1730-1800 Af 17720 15390 15365 11790. 1930-2030 Eu 9690 9510 7195 7135. 2100-2130 Eu same (WBI 21/1) 22/1 new fq 0530-0600 21480 (Bob Padula, Vic) Partial new EG sked from Jan differs from above: 0530 21610 21480 17790 17745 added, 15440 not 15340. 0645 11840 not 11940. 1200 17815 15335 11775 not as above. 1500 matches! 1730 add 17845 11825. 1930-2000 not 2030; & 2100 not 7135 (Shigenori Aoki, NDXC via ADXN)

✓ QATAR Ambiguous bar-graph QBS fq sked dated 11/81 indicates 9570 0245-1700; 15505 0245-08 & 1000-1400; 15185 1400-2125. The two 19m channels were retyped in as if changes and probably were. Quarterly Arabic pgm sked valid thru March includes 0322 pgm review [sic], Songs 0410-0430, 0435-0445, 0450-0500, 0505-0630, 0545-0600, 0800-0815, 1100-1115, Music & cultural pgms 1230-1300 & 1730-1800; A featured singer 1935-2000. Fridays differ somewhat (via Al Quaglieri, Albany NY) QBS hrd 20/1 on 15505 at 1719, AR chants, mx, OM IDs @ 1720 & 1730, nx 1800-1815, back to mx; G sig, but next to Colombia in SSB on 15503 (Newton)

✓ PORTUGAL Rxd this letter regarding an RDP pgm in conversational style (in PT) on aspects of L the PT lang: (Dave Keeley, Seattle WA) "A Língua que Falamos," read by ancr Laura Soveral, is bc to Eu Fri 1155, USA Wed 0225, Brasil Fri 2330, Venez Tue 0125, Af Wed 2025, Macau/Timor/Au Thu 0925, India Fri 1520. Since it's not a PT-teaching pgm, there are no texts or recordings to go with it; mainly for PT emigrants abroad (Maria da Paz de Barros Santos, RDP, 27/1) Enclosed undated sked appearing to be more recent than WRTH 82, but less recent than now: PT xmsns: Venez 0000-0230 9715; Sat & Sun also 1400-1800 21700. Nam 0100-0300 11925 6005, 0400-0530 9575 6005; Sat & Sun also 1400-1800 15295. Eu: M-F 0500-0700 9740 6015 & 1100-1300 9740 11800 15125 & 1800-2000 6025 9740 11775; Sat & Sun 0800-1800 9740 & 11800, 0815-1800 15125; 1800-2000 9740, 1815-2000 11775 6025. Macau/Timor/Au 0900-1030 on 21610 21640. Af 1100-1300 17880 21700, 1900-2100 15355 17880 15265; Sat & Sun also 1400-1800 21700, 1800-1900 17880. India/ME Mon-Sat 1400-1600 15105. Brasil 2200-0100 11840 9600 E Sat & Sun also 1400-1800 21700. Foreign langs: Nam FR 0030-0100 6005 11925, EG 0300-0330 same, 0530-0600 9575 6005. SAM SP 0100-0130 11840 9600; Venez SP 0230-0300 9715. India/ME Mon-Sat EG 1600-1630 15105. Af Sat EG 1800-1830, FR 1830-1900 on 17880; Sun both one hour earlier. Mon-Fri EG 1800-1830 & FR 1830-1900 15355 & 17880. Eu GM 2000, EG 2030, FR 2100, IT 2130, SP 2200-2230 all on 11775 6025 9740 (via Dave Keeley) 0142 in PT 14/1 on 6100; // 11255 much better (Tony Clift; Ont.) RDP audible u/BBC & Cuba 9600 w/ SAH 0420 19/2 (Jim Conrad, IA) Yes, but also then on usual 9575 and 6100--another xmtr, why? (gh) AWR-Eu moved to 9555 via RTE for Sun svcs in Polish 0630-0700 ex-earlier 9650, 17/1 (Bob Padula, Vic.)

✓ POLAND Some regional VHF/FM xmsns resumed around 25/1. R Polonia 1100-1130 xmsn of sked E arnths in PL EG FR GM replaced by cl mx concert and in all 4 langs (WBI 28/1) SW fqs for 3rd Pgm, suspended 13/2 are 9755 9570 7180 7110 6035 (WBI 4/2) R Polonia tent. 6095 0152 14/1, // 727R, poor, pop vocals, previously IDed here (Tony Clift, Ont.) That would be seamen's svcs which had resumed, but should have gone off by 0200 when Nam svcs would've begun

h (gh) Warsaw 1 with Polish nx 2305 27/12, on 3204, 2 x 1602 (Albert Kosnopfel via Sixe WDXC) Third pgm on VHF [and perhaps SW as above] to resume at end of Feb (WBI 11/2)

✓ PHILIPPINES New govt edict prohibits any further non-govt radio stns. Existing private P stns will be allowed to continue; applies to MW & SW. No expansion either in xmtr power or M their number will be permitted for non-govt stns (FEB regional meeting via Robert Chester, E Feb ADXN) All 3 19m fqs in EG, 15435 (ex 15235) 0100-0500, 15440 1245-1600 and 15450 0000-0100 out by 600-700 Hz up to abt 10/1 so producing het; I brought this to notice of stn and as of 15/1 this fault corrected (Victor Goonetilleke, Sri Lanka, ADXN) QRP 2 kW unit on 21515 sked 0100-0500; and at 0800-1000 toward Saipan; weak (Goonetilleke, RNMN 28/1) 0819 // 11890, sounds far better than listed 2 kW (Robin Bromby, NSW, ADXN) FEBC traditionally VG on 11890 at 0930 but lately TWR Bonaire monster *0930 on 11900 destroying FEBC (Darryl Hol-

- land, NY) Altho 21515 is ancd, xmtr is unstable and varies 21510-21516 (Chester, SA, RADX 24/1) In 1981 FEBC built 3 hi-gain hi-efficiency ants in Phil; during the year FEBC bc gospel of Christ a total of 8000 broadcast hours monthly in 90+ langs and dialects (Marlin A Field, Hillside MI) Impressive lang total, on a par with R Moscow; but in WRTH 82 only 25 langs are accounted for + "tribal" (gh) PBS Manila now hrd regularly on 6170 w/increased strength; EG nx roundup 1100 (Craig Seager, Bathurst, Australia, RA DX 17/1) New R Veritas Asia sked, EG: 1130-1200 15210 11770 9605. 1430-1500 15210 11955 9670. 0030-0100 17705 15275 15135. 0300-0330 17705 15135 15215 (Yoshiaki Hayashi, JADK, via Feb ADKN) Diff now?
- PERU** Two unID stns currently obs OOB: one on 4300, thought to be in Cajamarca dept, and the other, on 5635, IDing as R Municipal, but from where? Both hrd around 0030 (Tony Jones, Paraguay, 2/2) 4300 stn 26/1 0128-0235+, greeting listeners, msgs for people in Cajamarca, communiqué for travelers near Ec border; no ID in over one hour's listening. 5635 26/1 had nx bulletin at 0020, full ID but final word. lost to ude QRM; nx ended at 0059; not a new stn, but first time hrd since 1980 (Tony Jones, via Radio Nuevo Mundo, Japan) R America, Lima noted 19/1 on all 3 SW outlets at 0925: 3240 weak, 6010; 9510 best (Victor C Jaar, PQ) Swedish reports say R Samarén hrd at 0500 on 4815 has been renamed R Amazonas (SWB via Play DX 8/2) R Victoria, Lima active again on 6020, weak and het but audible after RN closes at 0026 (Emilio Pedro Povrénic, Argentina, LADK Feb) Background on R Chota, 6296, "Voz y Mensaje de Acuña". Started 23/9/78 illegaly & unlicensed as freelance brainchild of 3 friends. Filled listening vacuum & 10 kiloearpairs responded enthusiastically. Subsequently licenced on SW & MW, but they 'corrected' my report on their offst fq of 6296; stn slogan is "Peruanidad - Cultura - Servicio" and addr (unlistd in WRTH) is Jirón Anaximandro Vega 457, Chota, Dpto. Cajamarca, Perú (Ralph W Perry, NJ, via R Nuevo Mundo, Japan)
- PAKISTAN** R Pakistan, Islamabad hrd on new 13607, G 9/2 1715-1730*, not SSB (Mitch Sams, AR) E in EG at 1650 -1655 nx on 13605, hrd from 1630 in 22mb (Robert Stratford, SCIX 9/2) R Pak ES is the first stn to be monitored using the new 22mb on 13605. WARC-79 agreed for fqs 13600-13800 to be used for being from 1/1/82, provided present occupiers [sic] had moved elsewhere. Turkish svc of R Pak to Eu 1630-1730 obs 9/2 on 17620 & 13605, latter ex-15585, incl 5 min EG nx 1650 (WBI 11/2) No, it isn't; BBCMS itself broke the story several months ago of Iceland on 13797--but it seems the gates are now open for many other stns to move in (gh) PBC added new Hindi svc *0100-0215*, strangely not incl in DB1 ES sked. The fqs are 9460 & 7010 which are also used for Balti & Sheena; pgms originate from Karachi since that addr given at closing; contrary to other ES which are from Islamabad; could mean that Balti & Sheena svcs are beamed from Karachi too. Since early Nov, all Pak HS *0125 ex-00045. Ever drifting regionals as of 17/1 are Quetta 4710w, Rawalpindi 5006v, Islamabad 5060, 7095, 9545. No sign of Peshawar 5725 at 0125, tho quite regular +1300-1415* & again J *1600-1800* relaying Dari but severely jammed. Jamming also applies to Islamabad 5095 1600-1800. Rawalpindi 1200-1445 on 7320v (ex 7335v); 1500-1800* 5006v. It is now confirmed that Isl relays Azad Kashmir R on 6010 7265 6275v & 4980, leaving only 3669 from Muzaffarabad. 17/1 flash--Isl 1300-1600 down to 7077 from 7090 (Sarath Weerakoon, Mt Lavinia, Sri Lanka) R Pak on new 12017 in FR 1915-2015* hrd since 26/1, no //found (Ernie Behr, Ont, 11/2) WBI says // is 15550; but 12017 alone at 1800-1900 Urdu pgm from Islamabad. EG sked incl E brief nx in other lang bcs: 0230-0245 21595 17840. 0340-0345 21485 17645. 1005-1010 & 1100-1115 21802 17665. 1040-1045 21755 17639. 1600-1615 21485 17660 15585 15655. 1650-1655 17620 15585 [outdated, see above]. Full EG pgm 1645-1745 11670 9870 9422 (WBI 4/2) R Pak has added 9870, G in unID lang 1840-1915* (Victor C Jaar, PQ) // 9422 11670, 1745-1855 Urdu, 1855-1915 Sylheti (WBI 4/2) Probably more changes for M82 (gh) R Pak, Islamabad ID in EG 1345 11/2 on 5095, then local nx in EG about parking area, 1349 wx, F-G (Ron Howard, CA) I'm hearing Islamabad (domestic) on 7095: Koran reading 0130, ID 0140, into mx? (Joel Rubin, Berkeley CA) PBC Quetta noted 22/1 on 4710, 0157 chants, ID on hr, mx by M & W w/poor sig (Andy Newton, GA)
- OMAN** On new 9510 in AR svc // 11890 2030-2110* 5/2; also in EG 0900 on 15105 6/2 (Bob Padula, E Vic., 7/2) R Oman DS in AR now obs on 15105 & 11890, 0900 ID as "Oman Radio & Television" and has EG nx; not now hrd on 9510 (WBI 11/2) BBC Waveguide reported 15/1 that on 4/1 a small lizard got into power amp of Masirah xmtr and shorted out a screen grid on a hi power tube, putting xmtr off the air (Harold Sellers, DX Ontario) Exactly 3 yrs ago a cat put Masirah off the air for several weeks. One would think BBC would have taken steps to prevent local wildlife from wandering into the guts of their eqp (Steve Webster, DX Ontario)
- NORWAY** When new xmtr site at Karmøy goes on the air in late spring/early summer, daily xmsn P will be reduced from 90 to 60 min ea, w/separate morn & eve pgms for each target area; no E increase in EG tho (Rolf Løvström, Oslo, March RIB) R Norway has eliminated 1500-1630 bc--at least I haven't found it anywhere. 0300-0430 changed 11935 to 11930 (Steve Bonadio, P Watertown NY, 15/2) NRK plans to make extensive mid-season fq changes as of 5/4 (gh)
- NIGERIA** R Nigeria Kaduna & several others would be limited to MW only under a bill before the legislature; a 15-man delegation from the RNK Listeners' Club in Niger is in the country to lobby against it, saying RNK has been educating 90% of the Nigerian residents outside the country, as well as Hausa-speakers in neighboring WAF countries, per RNK, 4770, 22/1, tape sent me by Gene Paradis, ME (John M Wilkins, CO, March RIB) R Nigeria, Lagos E reported 31/12 that FRCN'd be establishing 8 more radio stns early next year (WBI 21/1) VON on 7210 *0455 in EG, and only 7255 (Potorti, NV & Speer, CA, SPEEDX) Why on 7210, w/Sene-gal there? (Mike Nikolich, SPEEDX Ed.) R Kwara hrd 0600-0645 on 7145; Lagos nx relay to 0613, then nx analysis, local ID & TC 0620, into US soul mx, no anmts but ads for gas, bank (Chris Gibbs, UK, WDXC Contact) s/on before 0600 but fq becomes clear then (Mike Barraclough, WDXC Ed.)
- NICARAGUA** Reports keep appearing about LV de Nic planning to begin EG in March, now imply-P ing that Mar 1982 is meant; most recently in mid-Feb Update--fact is they've been sending E out this item for more than a year so Mar 1981 was meant, but if it happens in Mar 82 I'll be surprised (gh)

- NEW ZEALAND** RNZ's 17705 by far best, 0500-0900, SIO 555 [come on, now -gh]. // 15485 often covered by RTTY; if too late, suggest listeners use tape & timer (Darryl Holland, NY, 4/2)
- E RNZ M82:** Pac 1800-2105 11960 & 15485. 2115-0815 17705. 0825-1215 15485. Au/NWpac 2115-X 0815 15485, 0825-1215 11960. NZ Calling w/Tony King, Arthur Cushen & Tomoko Grainger is bc on first & third Mon, 0315 & 1015 (Tony King) RNZ 15485 was audible for several nites in late Jan; 3/2 jammer [sic] returned to 15485 after several nites on 15477.5. 8/2 0433 RNZ G X on 15485; unk if jammer on earlier (Joe Hanlon, PA) Two-Way Radio show over R Pacific, 1593 M kHz in Auckland retimed to 1900-2300 local Fri eves, and his DX report at 2100 (Arthur Cushen, NZDX Times Jan) So that's Fri 0600-1000 in NZ summer, now 0700-1100 (gh)
- NETHERLANDS** Delta Project still under discussion. Neth/Belgium working party issued report: target 1/1/83, 1830-2200; phase 2 in 1984, 0530-0900; 1985 to be 24h. Mostly in DT, M but also in EG, GM, FR. QTH: S of Holland nr Belg border. LW too costly, meantime using 1512 kHz from Belgium, but this has 200km gap in coverage N of Brussels. So 747 Flevoland would help. Holland & Belgium to share costs equally but still may not be affordable. Neth minister suggests go ahead w/existing facilities (Pete Myers, RNMN 5/2) Due to a QRM problem w/SRI [15305?], from 12/2 we are exchanging antenna directions for PT 2230-2325 from Bonaire, 17695 to S Brazil, 15315 to N & NE Brazil (RN PT DX 11/2) No significant changes E in EG fqs evident for M82 (gh) Dissatisfied both w/style & content of the RIB feature on X Media Network, Jonathan Marks has decided to terminate it, turning down my offer to change P it to a brief weekly spot on program-listening tips--something no DX/SWL program undertakes despite de-emphasis of DX'ing. Thus ends my association with RN's English bcs, which began in Apr 1967 thanks to NASWA & Bill Eddings. I am, however, still welcome on RN's Espacio DX-ista pgm in Spanish, on the 2nd Friday + GMT Sat of each month, from 0003 on 15315 6020, 0203 on 15315 6165, 0403 on 9590 6165 (gh) R Jan Rap to test 14/2 & 28/2 at 0500 on 6274 or 6281; 21/2 0500 on 7390 (Gregg Bares, DC) For the record; broadcast in time on SWL Dig (gh)
- NEPAL** unID Asian stn hrd daily, G sigs on 4995a at 1200-1300 apx, subcontinental & As mx hrd often (Victor C Jaar, PQ, 27/1) R Nepal also hrd on 4995 & 3425 0020-0350 & 0730-1050 (WBI 4/2) Dropped 9590 for 4995, hrd daily 0020-0350, 0720-1020, 1150-1720. 3425 is available at 1150-1720 (Alok Das Gupta, Calcutta, India, 21/1) Kathmandu moved to 5005v in mid-Dec, ex-9589v, w/3425 //. After short period there went down to 4995. Probably Pres Zia-ul-Haq objected to King Birendra for QRMing Rawalpindi! Anyhow, still anncing 3425, 9590, E 792 during ES 1435-1520 [in EG]; 4995 vy strong & should propagate even to the remotest part of the globe. But back on 5005 since 23/1 (Sarath Weerakoon, Sri Lanka, 26/1)
- NAMIBIA** Both SW xmtrs of SWABC back on air since 26/1 after 3 months w/only one 100 kW. One xmtr uses omni ant, 1790 days, 3270 nites, Other 100 kW N/S, 9650 day, 4965 nite w/ switchovers at 0615 & 1515. AN svc ancs only 4965 but in fact on 3270 too after 2200 in EG AK, GM, verns (QTH Af 30/1) Now has 2 diff pgms on SW: 9650/4965 in EG/AK/GM. 7190/3270 w/ vernaculars (QTH Af 10/2 & Richard Ginbey, RNMN 11/2)
- MOZAMBIQUE** R Mozambique ("RM", as they often ID) hrd occasionally on 11818 around 0440 in PT, improves after 0500 (Victor C Jaar, PQ, 27/1) 60mb outlet from RM, pgm Nacional from Maputo lately not only drifting but switching suddenly in mid-sentence from one fq to another, e.g. 18/1 from 4789 to 4867, both vy unstable (QTH Af 20/1) R Moz ES in EG at 1800 E moved from 4855 to 4860 due to Mauritius QRM. Full EG sked: 0400-0430 4860 3265, 1100-1130 9525v 11818, 1800-1830 3265 4860 9619v. Pgm Nac eves 60mb varies widely 4763-4877. Beira's eves fqs fairly stable, 3369, and 2nd pgm 4984; daytime Beira 6360 9638v (QTH Af 10/2) Some earlier variation examples: Beira 3280.6 & 3369.2 on 25/12; 9631.8 16/12, Nampula 4983.5, 6260.4 18/12, 7392.3 26/12, Quelimane 4895.4 18/12 (Vashek Kofinek, AWR DX via DSWCI)
- MONGOLIA** Tho the last-minute addition in Feb IN re RUB being back on 11825 at 1230 may have E been correct when monitored, as soon as I tried to confirm it, RUB was found to be on 12070 as usual (gh) Heavy QRMoscow on 12070 except Mondays in the 1200 xmsn when Moscow is silent (Alan Proctor, UK, first half of Nov, via AWR DX 29/1 via DSWCI JAN) RUB HS back on 11855 apparently ex-11825, 0900- incl RMoscow Mongolian svc 0930-1000 (RA DX 31/1 de Peter Bunn)
- MAURITIUS** Measured on 9709.4 16/12 (Vashek Kofinek, RSA, AWR DX 10/1 via DSWCI SW News)
- MARIANA ISLANDS** Proposed FEBC stn on Saipan has been indefinitely delayed due to death of P principal contractor who was responsible for actual installation work on site. New tenders D now have to be called for continuation of the work (FEBC via Robert Chester, ADXN) A 7.5 million watt SW commercial stn is being set up on Saipan to beam pop mx to Japan, more than a kilomile away [a sesquikilomile, actually -gh]. Hawaiian-based beer Bob Berger hopes for success since Japanese appetites for pop mx are poorly served by domestic stns. His company owns KRVH Honolulu and the KUAM stns on Guam. Construxion on Saipan has already begun, xmtr to be delivered in March, early June the on-air target date (Billboard, 30/1 via Alan Korwin, Riverdale NY) 7.5 megawatt presumably an ERP exaggeration if not plain wrong (gh)
- MALI** Rdif Natl noted on 11960 at 1650 21/1, FR w/slow drumbats, OM vocals, killed by ISWBC stn *1658 (Andy Newton, Atlanta GA) FR nx usually L&C on 5995 at 0700-0710 (Kelley, NH)
- MALDIVES** VOM dropped SW channels, leaving only 1458. Vy likely plenty of activity going on P in Male upgrading the SW facilities w/possibility of an intl svc in near future (Sarath Weerakoon, Mt Lavinia, Sri Lanka, 15/1)
- MALAYSIA** unID on 15345 0040 in As Lang, sounded Indo or Malaysian, pop mx, mentd Sabah, E Java, Indonesia, EG ad for "Richstick" Bug Spray--"It kills!", 1/2 (Mitch Sams, AR) Stn calling self R Education (Malay: Inilah R Pendidikan) hrd on 15345 in progress at 0120 1/2 & again at *2350; pgms incl educ talks in ML, ocll short stories in EG; relay R Malaysia mx in EG 0000 (WBI 4/2) Stn on 15345, 22/1 0030 pop, SAs mx, some ads, 0330 TS & unID lang; off for about a week, back 29/1 w/many breaks, 1/2 had EG lesson 0300, not hrd since. Malaysia reported here, but sounded much like Sri Lanka HS (Ernie Behr, Ont, 11/2) Hmm, that TS at 0330 would point to Sri Lanka now that Malaysia on 'even' time (gh)
- MALAWI** [Cf Feb IN-19] MBC did not retine ES to 1530; still 1600-1800 on 3380 5995; and 7130 E till it closes 1715/1730; but also some feature pgms in EG & mx before 1600 (QTH Af 20/1)

- ✓ **MADAGASCAR** RTVM will soon be using a 10 kW xmtr on 2495; and increase power of 5010 (Eter-Aktuell via DSWGI Jan) The new 100 kW now on 5010 w/HS 1600-2100 (Richard Ginbey, RNMN 11/2) measured lately on 5009, HS in MG & FR // 3288 to 2100*. Semi-cland pgms of ANC, R Freedom [see also CRANNY] now on 6135 only, 1700-1900 but still anc's the 60m fq (QTH Af 20/1) Some fq measurements: 3287.6 & 5009.5 on 18/12; 6135.5 20/12, 6989.6 16/2 (Kofinek, DSWGI)
- ✓ **LIBYA** SPLAJBC EG 2346 first hrd 16/1, interview Am on Libya & Am foreign policy, Christopher Cross mx, s/off by YL 2359, march/anthem on 11815 (Karl Forth, IL) VG reception here on 11815 in EG 2300-2400 (G Sharman, Hollywood CA) Start time seems to vary (gh) V of Arab Homeland at 1900 on 11415 IDing in Arabic as Omdurman, Sudan. Don't believe everything you hear (Björn Fransson, Visby, Sweden, Feb Eter-Aktuell) Like the fq being 11415 instead of 11815, hi? This was the Sudan of the Revolution cland pgm previously reported here (gh)
- ✓ **LESOTHO** Rather strong spurs again eves on 3909 & 5691, these being diff & sum of R Lesotho two main fqs, 4800 and 891. Engr says the MW & SW ants are vry close to one another as well as the feeder lines, running in ---rather curious explanation (QTH Af 30/1) 891 & 4800 are often on the air 0300-0400 testing w/uninterrupted mx, no anmts (R Ginbey, RSA, RNMN 11/2)
- ✓ **LEBANON** V of Hope seems stronger & more permanent on 6215, hrd Sun 10/1 0500 nx heads, mix E of secular pop and sacred mx; ancr sounded Am; since then hrd almost every night; Vatican 6210 sometimes swamps them however up to 6217 (Ed Bromley, Port Union, Nfld, 13/1) WORD audible in aft, best here c. 2200 on 6215 (Andy Newton, GA, 24/1) Evangelical pgms in EG on 6215 to 2306*, said'd return at 0400; ended w/"Leb NA", 7/2 (Henry Kelley, ManchesterNH)
- ✓ **LAOS** All Laotian regionals s/on 2300 w/different opening melodies. As of 17/1, Houa Phan 4657//6162 *2300-0015, +1130-1300*; Xieng Khouang 5613 //7182 *2300-0030+, +1100-1400*. Udom Sai 6845v *2300-0030+, 1100-1300* while Pakse 6593v *2300-0030+, +1100-1400*. News from Vientiane relayed 0000 & 1200. No sign of Luang Prabang 6995v, Savannakhet 7384, and FS on 7145 (Sarath Weerakoon, Mt Lavinia, Sri Lanka) Pgm sked for LNR internal svc on 6130 incl L cludes 'Musics and songs' 2200-2230, 0500-0530, 1030-1100, 1400-1500; Mong minority lang pgm 2300-2330, 0330-0400, 1230-1300; Army pgm 2330-2400, 0400-0430, 1300-1330 (via Ralph W Perry, NJ)
- ✓ **KUWAIT** R Kuwait has another new bc on 15345, hrd since 2/2 w/AR Qur'an pgm 0200-0500 when E VOA s/on; continues w/EG + pop mx in QRM (Ernie Behr, Ont, 11/2) That EG //9650 0500-0800 (DB1 sked via Al Quaglieri, NY) Using several new fqs in AR; regular on 15495 & 9880 (b-sides 9840!) most of day; 23/1, 11675 at 0445 and 5950 at 2105 24/1; 11990 after 1400 is also new (Victor C Jaar, FR, 27/1) 3/1 at t/in 2130, RK AR HS relay was on 9880 //9840; error corrected by 2150 when reappeared on correct fq 9880; s/off time for SW is 2215; tho not ment'd in many skeds, 17650 continues hrd most of daylight hours, same svc (P Sixe, WDXC) Since 25/1, RK hrd w/AR svc on 3950 1330-2100 apx; //17650 15495 9880 9840 7120 6055 (w/1)
- ✓ **KOREA SOUTH** R Korea has some EU addrs which can save you some postage: B.P. 361.16, F 75768 Cedex 16, Paris, France; P O Box 6, In de? Eichen 97 97 - 6237 Liederbach, GFR (Play-DX)
- ✓ **KOREA NORTH** R Pyong EG as in WRTH 82 except 1500-1650 & 1700-1850 NEMEGAf add 4405; 2300-24 E 50 Ams add 9130 (WBI 28/1) Nothing on that BBCMS report of 9130//9977 for 2300-2450 (Dave Newkirk, WA, 10/2) You mean you tried and couldn't hear 9130 or you haven't tried yet? (gh) 9977 vry str 2300+ EG, no trace of a signal on 9130, and anncg only 9977 (Ernie Behr, Ont, 7/2) Strange item, 9130 not appearing anywhere else on BBCMS's Pyong ES sked; may have slip'ped in from another dimension (gh) Novello's unID on 9667v possibly KCBS HS, often strong here (Behr, Ont.)
- ✓ **KENYA** VOK reported 15/1 that it'd be hrd all over world when 250 kW stn completed at Koma P Rock near Machakos (40 mi SE of Nairobi), per Minfobc permanent secy addressing Lamu Dist dept heads 14/1; it'd be SW and some MW xmtrs under construction at Voi and Garissa (WBI 21/1)
- ✓ **KASHMIR INDIAN** R Kashmir, tent on 4860 *0128-0135* w/positive clear AIR IS, 0130 time pips & then assume mx (ment of sev diff countries), lang?, no ID made out, fair several times & G once. Recently weaker at 0128 but f/in better by 0133 (Ron Howard, CA, 6/2) see also INDIA
- ✓ **KAMPUCHEA** VOK currently on 7385v *1100-1330v*, Sats to 1400*. 6090 remain static while no sign of 7003v; recent monitoring reveals HS only in eve tho WRTHv sked indicates also 2258-2400s 0358-0500. VOK on 26/1 would have surprised any of us--they had nonstop Hindi film songs 1300-1330. For a moment I thought I was dreaming and it was a relief to hear the KM annt before 1330*. S/off after instl version of NA. Also remember that Mrs Indira Gandhi was first non-aligned leader to recognise the Vietnam-backed HengSamarin regime in Kampuchea E (Sarath Weerakoon, Sri Lanka) Usual EG, FR, TI 1202-1243 in 11938 22/11, P u/vy str 11940 splash; xmtr went off for around 15 secs between lang segments--surely not a beam change? No appreciable change in strength when they did this. Not hrd at 0000 lately (Mark Warner, Q UK, Jan WDXC Contact) Got a QSL but had to send report out via Australia since NZ will not accept mail to Kampuchea (Arthur T Cushen, NZ, RNMN 5/2)
- ✓ **JORDAN** Still no sign of Amman on 7155 at 2130-2300+ despite repeated checks, just the roar J of Soviet jammers. Might show up in late Mar or Apr like last yr when RFE/RL vacates 7155 P and the raging jammers returned to another victim (Steve Reinstein, FL, 10/2) v ISRAEL!
- ✓ **JAPAN** M82 changes for R Japan compared to Feb: Sines GS relay 0700-0730 15235 ex-15405; 2200-2230 11760 ex-11950. Rest direct: SA 0900-1100 9525 ex-9530; As 1045-1145 & 1230-1400 9635 ex-9645; 1230-1400 also 11875 ex-9675. As 0900-0945 & 2145-2230 9670 ex-9605. SAs/Af 1430-1730 incl EG 1630-1700 15235 ex-9725. Gen Svc: Eu 0000/0530 9675 ex-9645; 15310 ex-9700 at 1200/1430. 9675 ex-9645 1500/2130, effective thru Apr 15 [sic] but Apr 5, Monday E is the day for extensive sked changes in svcs to Asia; two EG xmsns affected, SAs/Af 1615-P 1645, ex-1630-1700; and ANZ 1000-1100 ex-0930-1030. The Genl Svc is in for bigger changes, expanding to 45 min in EG thrice daily allowing more feature pgms to be included at 1300-1345, 1500-1545, 1900-1945. Furthermore, EG & JP split so that each has a minimum of 30 min (exc at Sines relay times 0700 & 2200), but alt hours, JP GMT evens, EG odds. Pgm's too L are to be 'enriched & renovated'. Meanwhile, some March topics: 1/100,000,000 8th, striving to purify water in Kasumigaura Lake; 15th, cancer patient struggling to preserve tradition

al Japanese dyeing [sic] techniques; 22nd, dedicated to introducing Japan to the World; 29th, protecting natural landscapes. Science & Industry Journal: 11th, test operation of a coal gasifying plant, 18th serious depression in timber industry, 25th spread of non-shop sales tactics, April 1 possibility of utilizing terrestrial heat as energy. Japan Today: 10th tomorrow's agriculture in Japan, 17th measures against noise pollution in the neighborhood, 24th cultural activities in Japanese enterprises, 31st activities in Japan on the eve of the UN Special Disarmament Conference. More About Japan, 2nd/3rd/4th weeks: discussion: Japan's import of farm products; 5th week: interview on the future of SW radio being. A Japanese Sing-song is on Sun 28/3 to ANZ, NAM, NG&S&C&M&Haw; 30/3 Tue Eu, SEAs, SAs/Af, ME&MAF--"How Nice and Relaxing is this Bath" w/"The Duke Aces" (R Japan News, March)

✓ **ITALY** IBC sked daily 0630-0700 on 7350 w/"Good Morning Europe", 0700-0730 21440; Suns also E 0100-1000 on 7350, 0900-2000 on 6275 in IT/EG/FR/GM. Regular tests of mx & anmts 24h on 11590 or 11585; irregular tests during the week at 2230-2300 on 21440 & 0100-0400 on 6275 & 7350 in EG/IT (Gordon Darling & Morris Walker, Feb DSWCI) Hrd 3/1 on 7361.5 at 0700+ w/IT pops & anmts, USB only, weak & fading deeply plus CW QRM (Gordon Darling, UK, WDXC) W/ QSL Dario Monferini says: "I am merely the postman of the IBC, and they use my addr for security reasons, as it is at present prohibited in Italy to operate over SW one's private station." (Jim Clifford, W Germany, NNRC) RAI 1440-1455 30/12 in IT on 14470, 2 x 7235 (Sixe XC) H stn.

✓ **ISRAEL** Abie Nathan's V of Peace bc ship silently sailed into Tel Aviv last week. Before P s/off, he asked listeners to flood the govt w/reqs he be permitted to bc from land. The inauguration of letters has had no response from govt offls, leaving him hi & dry. He is flying to England to sell his ship (Variety, 20/1 via David Alpert) VOI B-net reported 26/1 that the Knesset Economics Committee'd decided to grant a licence to VOP for commercial bcs u/ Knesset supervision. VOI said the legislation'd be finished by the following week & VOP'd be able to resume bcs immediately after that (WBI 28/1) Temporary licence; VOI quoted Comms Minister 29/1 that he'd now consider licencing other radio & TV stns since he opposed the IBA's present monopoly (WBI 4/2) The govt's attempt to licence VOP is opposed by the religious party because of the possibility it would bc on the Sabbath. Knesset voted 32-11-1 for more revisions (IBA DX 15/2) Nathan said Wed he was fed up w/Israel's bureaucracy and will try to take his Peace Ship to Northern Ireland, flying there first to check out possibilities; if that doesn't work he will try to sell it. Nathan said he had withdrawn his request for a license and notified parliamentarians preparing a law that would legalize his and other privately owned stns that he was no longer interested. "I just couldn't take it any more," a tearful Nathan told reporters at a press conference... The religious parties in P.M. Begin's ruling coalition... "didn't notice that the state radio and the army radio bc on the Sabbath," he said (AP 17/2) I hrd Abie Nathan's valedictory for VOP 31/12 on 17560/5 at 1700-1730. Previous day, same time & fq, hrd Amman's EG pgm; and 1/1 I tuned in again & found a pgm of mx w/anmts in Hebrew. Did the VOP normally use this fq? (Henry Kelley, Manchester NH) No.: (gh) The PTT's xmtrs on 17560, 17640 & 17660 generally used for IBA late aft xmns in RS in addn to those in published skeds, were noted 29/12 & 30/12 at 1630 relaying the EG pgms of R Jordan, Amman, an obvious hook-up error! (Podney Sixe, WDXC) But I sure wonder how it happened; I'd think the VOP part was a deliberate pgm item on IBA? (gh)

✓ **IBA** holding off until 7/3 to start M82 sked at ITU's request following erroneous closing date for D81 of 28/2 on an ITU publication (IBA DX Corner 15/2)

✓ **IRELAND** S Dublin R hrd 6/12 0605-0802* on 6240, 10/1 0745 on 6243, pop mx, fqt IDs, G level, spelled out addr phonetically. Got QSL from "Phil Dixon" who sez the PA consists of 20 807s! (Andrew Wallace, MA) 6240 hrd in CT 10/1 *0702-0800a*, s/on was an hour later than sked. Always seems to begin w/"Aint no Stoppin' Us Now..." then into pop/disco tunes. Guess they haven't hrd of mike mixers as the mx sounds 'switched' in & out. Hrd 17/1 while I was in Scranton PA, at 0600, but not 24/1, 31/1, 7/2, or 14/2 as advertised. Vy ironic that some US DXers condemn Ameripirates when they can't hear a sked test, but 'understand' when the same happens w/the Europeans (Gregg Bares) Considering trying SSB on 6241, and may test in 1100-1430 period in 13 or 14 MHz range (John Campbell, DSWCI Feb) Suiside R, 6229, hrd 17/1 running loop tape 0435-0446 w/ID & MW info, P in QRN, ute QRM (Gregg Bares, Scranton) Returned to SW, uses either 6230 or 6235 Sun morns, *0800 or earlier (Bob Foxworth & Morris Walker, DSWCI Jan) Capital R, Cork has harmonic on 6530 lately, suggesting basic fq of 1306 but seems to annc "263m"; addr 12 Mt Vernon Terr, St Luke's, Cork; nom sked *0730-2200* (Jan DSWCI) Capital R, formerly 6268, now inactive but intends to return, maybe on 6291, from new location (Tony Donlon & John Campbell, DSWCI) 2 diff stns, I think (gh) Westside R, 6280: v/s Prince Terry sez stn runs 80w output into wave dipole, tests every 2nd Sun 0600-0800--is that alt Sundays or 2nd of month? (Gregg Bares, DCT) Westside R should H shortly be testing on 10488 w/45 W. Wicklow local R 5th harmonic G on 6795 at 1600 (Podney Sixe, UK, WDXC)

✓ **IRAQ** Urdu pgm from Baghdad 1300-1400 on 11935 ex-11825, regular since Dec (Victor C Jaar PQ)

✓ **IRAN** VOIRI quoted press 2/2 that VOIRI'd be carrying Spanish pgms (WBI 4/2)

✓ **INDONESIA** RRI Jayapura sked: 2100-? 9612; 0800-1400 5045 6070 9612; local nx 0915 for all Nusantara V area is relayed by RRI's: Manokwari, Serui, Sorong, Fak Fak, Ambon, Ternate; lcl nx for Irian Jaya at 1230, 1330, 2130; Jak nx relay 1000, 1200, 1300, 2200 (Atsunori Ishida, ed., Indonesian DX Review, 16/1)

✓ **INDIA** A mini-survey of stns bcng in the morns: 3205 Lucknow, 3223 Simla, 3365 Delhi all *0025, while Srinagar 3277, Jammu 3345 begin at *0125; 24/1 [last two KASHMIR]. The unID on 9550 by Newton, Jan IN sounds very much like AIR Bombay; could be even Maldives which used 9553 *0800-0930* but now off (Sarath Weerakoon, Sri Lanka) AIR Delhi, 4860 *1233-1500+*, on w/clear AIR IS, Hindustani type mx pgm to 1315, loud tone to 1328, AIR IS, time pips, mx(?) , lang unk to 1335 tone, 1343 AIR IS, talking to 1415, tone to 1418 AIR IS, talking to 1430 time pips, sports scene in EG to 1435, tone to 1443 AIR IS, 1445 clear EG ID for AIR but didn't hear site, into EG nx; F w/moderate QRM 6/2; 4860 at 0130 Kashmir, qv (R Howard CA)

- ✓ **HONDURAS** Due to heavy load of Peace Corps training, this list has not been as extensively checked out as it should be, but appears only Luz y Vida 3250, Juticalpa 4780--mornings only, Evangelica 4820, Luz 4890 and Mosquitia 4910 are active. Hope to have a more exact listing soon. Per 3/2 papers, Honduran army captured three truckloads of radio eqp in Ocotopique, near the Hon/Sal/Guat border. Tho no stn name is mentd, article does say the eqp was most likely destined for Sal guerrilla forces tho might have been Guat (Don Moore, Tegucigalpa) A good clannie for Guatemala is long overdue.... (gh)
- ✓ **HAITI** Per 1/1 edn of NY-based "Haiti Observateur" weekly, MW stns R Haiti-Inter & R Cacique in P-au-P are still silent. Closure followed arrest on 28/11/80 & subsequent deportation of Haitian journalists. Richard Brisson, ex Pgm Mgr at R Haiti-Inter is reported to have been executed in P-au-P following his participation in recent invasion of Tortuga Island by Haitian exiles (Victor C Jaar, Charlesbourg, Québec)
- ✓ **GUYANA** I asked a university colleague of mine now residing in Georgetown to check out the alleged 5980 kHz operation (gh) Just returned from a visit to GBC's xmtr plant on the ocean front. SW svc is only on 5950 0730-0305; s/off extended to 0505 on Sat & Sun morning. Purpose of the opn is to service the hinterlands of Guyana. SW duplicates 2nd channel of GBS, 560 kHz. SW is 10 kW but currently only operating at 5 kW to save tubes. There are two other SW xmtrs there but neither has worked in over a year. Most recent opn from those was on 3290. Current SW xmtr is part of old GBS plant (M Kent Sidel, 20/1) I do have an amazing answer to 'Guyana, but not Demerara nor GBC-1--it is a strange, little scary clandestine that finally broke thru for 21 mins of 322 from s/on to be buried. Fuller details in The Signal (Maxfield Greenwood, PA) GBC-2 5950 strong 0600-0700+ w/mx & cricket match, 6/1 only; a vy weak carrier was noted on 5981 at same time; both missing next time. A vy weak unID on 5981.7, closing w/march or anthem at 0312* 19/11/81 only; have no idea what it was (Ernie Behr, Ont.)
- ✓ **GUINEA** RTG noted on 4910 at 0631 16/1 in FR w/M&W talking, Afro instls, possible mx 0645, poor mod & gradually f/out due to their approaching sunrise. On 15310 1805 21/1, FR, EZL E mx pgm hosted by W, numerous IDs, EG 1830 w/V of the Revolution ID, nx by W to 1841, guitar interlude, more talk, F-P (Andy E Newton, GA) 9650 not hrd lately; 15310 vy erratic and drifting. EG also erratic, often starting much later than sked 1830-1900 (QTH Africa 20/1)
- ✓ **GUIANA FRENCH** Tho 6170 mentd at *0900, Cayenne only hrd then on 3385 4972½ & new 5055 which is not mentd (Victor C Jaar, PQ) Per 29/1 letter, FR3 sked: 3385 0900-1000 & 2100-0100 (Sat 0300); 6170 1000-2100. 5055 & 4972.5 0900-0100 (Sat 0300) (Henry Kelley, Manchester NH) The new 5055 is 10 kW, beamed 245° for the interior of the country (Swedish SCDX reporter 16/2)
- ✓ **GUATEMALA** R Cultural, 3300, uses folded dipoles for SW ants (Wayne Berger, CE via Hirata)
- ✓ **GUAM** KTRW M82 sked for DX Listeners Log: Sat 0900-0915 11840; 1530-1545 11945; Sunday [ex-X Sat] 1445-1500 on 1920. I am providing them weekly DX tips by phone and there may be a monthly Southern Cross DX Club feature as well (Rob Williams, NSW)
- ✓ **GRENADE** RFG 15045 2130-0030 apx incl 'The World Tonight' 2300-2345 (WBI 28/1) & BBC's "My L Music" by transcription GMT Fris 0000-0030* when they play special SW s/off msg (gh)
- ✓ **GREECE** VOG on 17555 ex-17560 to Au 0900-0950 // 15345 (Craig Seager, Vic., RA DX 14/2) 15595 1330-1350* // 17560 (RN fq office, MN 5/2) New 11955 EU langs 2030-2050* ex-11925, 6/2; new 15355 ex-15345 QM to Au *2100-2150* G but WRNO GRM 6/2 (Bob Padula, Vic.)
- ✓ **GERMANY WEST** DW 17895 crashing in at 555 9/2 2159 & to 0300* w/FR IDs as Rwanda, hard to believe; unless using a zillion kW at Kigali, this sure smacks of Antigua (S Reinstein, FL)
- ✓ **P FRANCE** New expl RFI stn'll be at Chateauroux at beginning of 1982 (WDXG) More details?
- ✓ **EQUATORIAL GUINEA** Old ID "R Ecuatorial, LV de Rio Muni" no longer used, but "Estación Continental de R Nacional"; 5004 stn also says before s/off, 'Aqui R Nacional, segunda estacion de la Red de emisoras Guinea Ecuatorial dedicado a la provincia de /Miteral?/' and claimed to be on 4926 but no trace of it there. No two fqs at once, but either 4925 or 5004, 1 kHz lower than nom. Uncertain word might relate to only mtn there, Mitra (Paul Karagianis, UK, QTH Af 30/1) Or Litoral = coastal (gh)
- ✓ **EL SALVADOR** Correct date for elections is 28/3 (Jim Lehrer, PBS et al.) R Nac, 9553v, clear P around 1200 (Al Quaglieri, Albany NY) R Tiempo, 2400, 2 x 1200, well hrd here evs; trad H ballads, vy fqt IDs, TCs; no other harmonic hrd on this fq; hope this helps clear up the LN debate on who this is (Don Moore, US Peace Corps, Tegucigalpa, Honduras) Not really, because further from El Sal, other harmonics could not be ruled out as audible (gh)
- ✓ **ECUADOR** HCJB M82 EG changes: 1230-1530 (S/S 1600) 17885 ex-17890; 0030-0200 17880 ex-17875; E 2330-2400 15175 ex-15180 (Rob Williams, NSW) One sked shows last one at 2230, apparently X misprint (gh) From 7/3 all 3 fqs carry same pgm to SPac, many pgms retimed: DX Party Line to 0930-1000 Mon & Sat; Passport to 1000-1100 ex-0800; 11925 & 6130; and 9745 to 1030 (Joe Hanlon, PA) 23/2 0630 looked for DXPL at 0630 but all 3 Nam svc fqs missing; revealing T APTS on new 9745; (gh) Clearing up ambiguity in printed EU sked, there will be no DST P shift in eve xmns and that in morn is uncertain; DXPL may try a computer experiment (DXPL)
- ✓ **R Cultural Antena Libre** is correct ID, not Mundial; QSL for 3240 from Casilla 65, Esmeraldas says has had many tech problems, plans 10 kW xmtr; belongs to Vicariato Apostólico.
- Q Pennants & QSL cards are in the making; Velasco the v/s wondered where I got his name from--where else but IN! (Steve Reinstein, FL) 3240, 1101 5/2 non-NA anthem, ID as R Antena Libre --no 'Cultural' or 'Mundial' hrd; maybe s/on (Jack Jones, MS) R Rio Amazonas, 4870 *1041 21/1, Indian lang, choral NA, seemingly all 15 stanzas. LV del Triunfo, 3252, 5/2 1025 ID, many ads, Ec mx (Jack Jones, MS) Offl sked is 1000-1500 & 2100-0500 on 3250; fortunately off fq avoiding QRM, 3252; consistent *1100 (Ralph W Perry, RNM) Ad in Quito phonebook for Rdfid Jesús del Gran Poder gives call as HCJDGP (ibid.) List HCFF1 (gh) Offers spl 'recuerdo' to those writing Casilla 133, Quito; 5050 (T Hirahara, RNM)

QSL REPORT

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QSL

AFGHANISTAN: Radio Afghanistan 15077 f/d cd. in 74 ds. for an EG rpt. and 2 IRCs. (Manning-TX). f/d "Melon Market" cd. in 10 wks. for 2 IRCs. (Wilkins-CO).

ALBANIA: Radio Tirana 7300 "L'Esprit Revolutionnaire" cd. in 3 mo. (Lay-VA). 7080 f/d * cd. in 62 ds. for 1 IRC. (Luke-OH). 5057 via Gjrokaster w/ f/d cd. in 11 wks. for an EG rpt. (Wilkins-CO).

ALGERIA: RTVA 25700 folder cd. in 72 ds. for 1 IRC. (Warner-UK).

ANGOLA: Radio Nacional 4820 f/d ltr. via registered mail in EG in 28 ds. for 1 IRC.

* v/s Miguel Bras, Department of Exchange and Public Opinion. (Warner-UK).

ANGUILLA: Caribbean Beacon 1610 f/d cd, in @ 1 mo. for 1 IRC. v/s Bob Jensen. (Lobdell-MA). cd. in 30 ds. for 1 IRC and a tape rpt. (Sgrulletta-NY).

ANTARCTICA: AFAN 6012 McMurdo usual B&W cd. in 6 mo. v/s Terk O. Husbands, J02, USN, Station * Manager. same in 12 wks. (Taylor-PA).

ASIATIC RUSSIA: Radio Moscow 7290 via Vladivostok w/ f/d "Red Square" cd. in 9 wks. (Wilkins-CO). 5900 via Nikolaevsk-on-Amur cd. in 9 wks. (Wilkins-CO). 9795 via Komsomolsk-on-Amur f/d cd. in 9 wks. (Wilkins-CO). 7320 via Omsk f/d "Ostankino Tower" cd. in 65 ds. (Rigas-IL). via Khabarovsk on 11720 and 11870 w/ f/d cds. in 65 ds. (Rigas-IL).

AUSTRALIA: VNC 12000 f/d "Melbourne" folder cd. in 27 ds. v/s Steve McRae (Kimmell-ONT).

4500 f/d "Melbourne from Nauru House" cd. in 19 ds. for 2 IRCs. v/s Natalie Athayoe. (Reinstein-FL). Radio Australia 9580 f/d "Fairy Penguins" cd. in 21 ds. Sticker rcvd. v/s Pete Barnell, Director of Overseas Services. (Tekulve-OH). "Regent Bowerbird" cd. in 6 wks. (Lobdell-MA). VLM9 9610 via Wanneroo f/d "Beams" cd. in 62 ds. for 1 IRC. (Kimmell-ONT). "Map" cd. in 17 ds. w/ stickers. (Tekulve-OH). cd. in 38 ds.

for 1 IRC. (Warner-UK). VLO9 9660 via Brisbane f/d cd. in 13 ds. for 2 IRCs. (Warner-UK). VLM4 4920 via Brisbane f/d cd. in 29 ds. for 2 IRCs. (Warner-UK). f/d "Map" cd. in 2 wks. for 1 IRC. (Wilkins-CO).

AUSTRIA: ORF 21655 "Phantasmogorical Landscape" cd. in 81 ds. (Mazur-PA).

AZAD KASHMIR: Azad Kashmir Radio 6275 f/d personal ltr. in 3 wks. for an EG rpt. and ms. v/s M. Sajjad Ali Siddiqui, Engineering

* Manager. (Wilkins-CO). f/d ltr. in 43 ds. for 2 IRCs. (Leite -MA). 6274 nice f/d ltr. in 3 wks. via registered mail for an EG rpt. an a greenback. All indications suggest this is a relay by Pakistan and not the AKR transmitter! (Herkimer-NY)... Why are you raining on everyones parade John? HI! We have to get together again.... Sam.

BANGLADESH: Radio Bangladesh 9730 f/d ltr. in 38 ds. for 3 IRCs. and an EG rpt. v/s Md. Khalilur Rahman. (Florian-IL).

BELGIUM: BRT 9870 f/d "Albrecht Rodenbach" cd. in 73 ds. Also rcvd. station pennant, sticker, membership cd and other items. (Tekulve-OH). ltr. in 72 ds. (Reinstein-FL). 9515 same cd. in 70 ds. (Byron-NY).

* Radio Digital 7340 f/d form ltr. for an SSB test in 29 ds. for 1 IRC. (Warner-UK).

BELIZE: Radio Belize 3285 f/d "Map" cd. in 13 ds. for 2 IRCs. v/s A. Johnson. (Tutak-NJ).

BONAIRE (Netherlands Antilles): Radio Nederland 9590 f/d "Interior of a Country Inn" cd. in 28 ds. Also rcvd. a be utiful poster calendar. (Tekulve-OH). 9715 same cd. in 2 wks. after a follow-up rpt. (Wilkins-CO). 6165 f/d "Painting" cd. in 22 ds. (Tekulve-OH). Trans World Radio 11815 f/d cd. in 37 ds. for 2 IRCs. (Luke-OH). 11815 "Antenna" cd. w/ sticker and calendar in 58 ds. v/s Barbara Roswell. (Tekulve-OH). 9755 f/d cd. in 29 ds. w/ station information. (Tekulve-OH).

BRASIL: Radio Bare 4895 n/d form ltr. in 11 wks. for a PT rpt. and 1 IRC. (Gliksman-IL).

BULGARIA: Radio Sofia 7115 f/d "Pamporovo Resort" cd. in 37 ds. (Reinstein-FL).



LA VOZ DE CALAPAGOS

VOFC QSL

VOFC QSL

RP radio pdt
1,270 - 4,835 kHz

BURMA: Burma Broadcasting Service 5985 f/d "Logo" cd. in 45 * ds. for an EG rpt. and 1 IRC. (Loh-AZ). 4725 f/d cd. in 2 mo. for 1 IRC. (Gliksman-IL).

CANADA: CHU 7335 n/d "Sir Sanford Fleming" cd. in 7 ds. (Kimmell-ONT). Radio Canada International 15325 f/d "IYDAP" cd. w/ pennant in 51 ds. (Luke-OH). 11955 same cd. in 74 ds. for 1 IRC. Pennant and decal was also rcvd. (Christopher-NJ). CFCX 6005 f/d green "Montreal" cd. in 15 ds. for 1 IRC. (Sica-NJ). same in 28 ds. (name?) * CFRX 6070 cd. in 16 ds. (name?). CKFX 6080 Vancouver "Super Country" cd. in 1 mo. v/s Tricia Rattenbury. This station runs only 10 watts!!! (Wilkins-CO).

CANARY ISLANDS: Radio Exterior de Espana 15365 via Tenerife f/d "Painting of a Bison" cd. in 37 ds. (Rigas-IL).

CELEBES: RRI Manado 3215 cd. rcvd. via registered mail in * 124 ds. for 3 IRCs. Addr: Jln. Sam Ratulangi No. 3, * Manado. v/s Eddy Mamangkey. (Darling-UK). RRI Palu 3960 ltr. in 700 ds. for 3 rpts. Addr: Jln. R.A. Kartini (not as in WRTH 81) v/s M. Yusran BA, Kepala Seksi Siaran (Darling-UK).

CHINA: Radio Peking 15120 f/d "Chairman Mao Memorial Hall" cd. in 20 ds. w/ pennant. (Brouillette-MI). same cd. w/ pennant in 18 ds. (Connell-CA). "Autumn Vow of the Great Wall" cd. in 25 ds. (Tekulve-OH). f/d "Tien An Men" cd. w/ pennant and CH stamps in 1 mo. (Herkimer-NY). 15520 f/d "Gate of Heavenly Peace" cd. in 36 ds. (Tekulve-OH). same cd. in 19 ds. w/ silk pennant. for 2 IRCs. (Kononchik-CT). "Mao" cd. in 25 ds. w/ pennant (Mazur-PA). f/d "Fragrant Hills Park" cd. in 34 ds. (Byron-NY). 9820 f/d "Great Wall" cd. w/ pennant in 5 wks. (Wilkins-CO). 11650, 15120 and 15520 f/d "Mao" cd. in 16 ds. for 2 IRCs. (Sica-NJ). 15520 and 15120 f/d "Mung Wan" and "Plum Garden" cds. in 2 1/2 wks. w/ nice station pennant. (Kirkland-ONT). CPBS 5880, 6665 and 6750 via Peking f/d "Kumming Lake" cd. in

* in 29 ds. (Reinstein-FL). Hunan PBS 4990 via Changsha date only "Changsha Railway" cd. in 3 wks. w/ pocket calendar and schedule all in CH. (Wilkins * CO)...Was this direct from the station?... Sam. Yunnan PBS * 2460 and 6937 cds. via Peking in 45 ds. (Warner-UK). Fujian PBS 2340 cd. via Peking in 45 ds. w/ pennant. (Warner-UK).

COLOMBIA: Ondas del Darien 6085 n/d personal ltr. in 12 wks.

* For a SP rpt. and ms. v/s Manuel Cardona Agudelo, Director General. Report was sent via the Turbo address but it was received from the following address: Apto. Aereo 1289, Medellin. (Wilkins-CO). Radio Bucaramanga 4845 p/d cd. in 5 wks. for a SP rpt. and 1 IRC. (Gliksman-IL).

COOK ISLANDS: Radio Cook Islands 11760 f/d "Shell" cd. in 1 mo. v/s Nooraa E. Tangaroa. (O'Riordan-ID). f/d cd. in 14 ds. for 3 IRCs. (Orekar-CA).

CUBA: Radio Habana Cuba 15155 f/d "Hotel Deauville" cd. in 148 ds. for 2 IRCs. (Connell-CA). 11760 same cd. in 6 1/2 mo. for 1 IRC. v/s Maria Montero Triana. (Kononchik-CT). same in 186 ds. (Manning-TX). Radio Moscow 9600 via Habana f/d cd. in 58 ds. Also rcvd. 3 books on the USSR. (Tekulve-OH).

DENMARK: Radio Denmark 15165 f/d "DSWCI Anniversary" cd. # 00093 in 29 ds. for 1 IRC. (Loh-AZ). same in 32 ds. (Manning-TX). f/d cd. handed to me by DSWCI Chairman Anker Peter-son while I was visiting Finn Krone's home in Copenhagen. (Warner-UK).

ECUADOR: HCJB 6095 f/d "50th Anniversary" cd. in 35 ds. (Alsbrook-AR). 26020 p/d ltr. from ANDEX. v/s Ruth Stanley they were using a 5 element quad but it broke. Now using a CB vertical dipole (Palmerstein-MN).



RADIO-BRAZZAVILLE

Vous remercie pour votre rapport d'écoute et en confirme l'exactitude. Thanks for your reception report which was found to be correct.

Date: Juin 1962
Fréquences et puissances : 9770 Kcs
Frequencies and power : 15445 Kcs

RADIO-BRAZZAVILLE (FZI)

5.970 kcs	60 m	25	1.5 kw
7.105 kcs	42 m	22	5 kw
9.545 kcs	31 m	43	50 kw
9.730 kcs	30 m	83	7 kw
9.770 kcs	30 m	71	7 kw
11.710 kcs	25 m	62	50 kw
11.725 kcs	25 m	58	50 kw
11.970 kcs	25 m	06	7 kw
15.190 kcs	19 m	75	50 kw
15.445 kcs	19 m	43	50 kw
17.720 kcs	16 m	93	50 kw et 1.5 kw
21.500 kcs	13 m	95	50 kw et 1.5 kw

REPUBLICA ARGENTINA

LRA 36

via
Henry
Lazarus

RADIO NACIONAL

"ARCANGEL SAN GABRIEL"

BASE DE EJERCITO ESPERANZA - ANTARTIDA ARGENTINA

UBICACION GEOGRAFICA

Lat 62° 24' Sur
Long 53° 00' Oeste

CONFIRMO SUS DATOS
DE FECHA: 03 Dic 61

FRECUENCIA: 8880 KHz

Apartado Postal 9411
Buenos Aires

MUCHAS GRACIAS



JOSE BILBAO MOTZER
TENIENTE CORONEL

Delegado del Gobierno del Territorio Patagonico
de la Tierra del Fuego, Antartica e Islas del Atlantico Sur

ECUADOR: HCJB 26020 f/d cd. in 56 ds. (Leite-MA), same in 60 ds. (Warner-UK). HD2IOA 3810 f/d cd. w/ sticker and pennant in 37 ds. and 1 IRC. (Warner-UK). **Radio Quito** 4920 blue and white folder cd. in 44 ds. for a SP rpt. and ms. (Warner-UK). **La Voz del Napo** 3280 personal f/d ltr. in 7 wks. w/ pennant for a SP rpt. and ms. v/s P. Heriberto Alvarez O., Director. (Lobdell-MA). **Radio Cultural Antena Libre** 3240 p/d ltr. in SP/EG rcvd. in 22 ds. for a SP rpt. and ms. v/s Luis E. Velasco Leon, Gerente. (Reinstein-FL).

EGYPT: **Radio Cairo** 9475 "Mosque" cd. in 33 ds. (Tekulve-OH). 12000 same in 172 ds. (Loh-AZ). **EL SALVADOR:** **Radio Nacional** 9553 f/d "Ocean Beach" cd. in 2 mo. for a SP rpt. and 2 IRCs. (Palmer-sheim-MN).

ENGLAND: **VOA** 9735 and 5965 via **Woolferton** f/d cds. in 11 ds. (Rigas-IL). **Radio Canada International** 5995 via **Davenry "IYDP"** cd. in 60 ds. w/ pennant and sticker. (Rigas-IL). **Radio P.A.N.** (Pagans Against Nuke's) 6288 p/d ltr. in 8 ds. for ms. * v/s Curly Spencer. 12 watts! (Warner-UK). **Radio Seaweed** 6223 prepared cd. in 191 ds. (Warner-UK) * **Radio Utopia** 7350 prepared cd. in 676 ds. (Warner-UK)

EUROPEAN RUSSIA: **Radio Moscow** 17765 via ner-UK) **Tula** f/d cd. in 65 ds. (Rigas-IL). 12000cd. in 30 ds. (Warner-UK). via **Ryazan** in 11850 cd. in 30 ds. (Warner-UK). 11630 via **Moscow** cd. in 30 ds. (Warner-UK). 9685 cd. in 47 ds. (Alsbrook-AR). 11770 f/d "Red Square" cd. in 65 ds. (Rigas)

FEDERAL REPUBLIC OF GERMANY: **VOA** 3980 via **Munich** f/d "Bridge" cd. in 16 ds. (Palmer-sheim-MN). 7105 same cd. in 11 ds. (Rigas-IL). **Sudwestfunk** 7265 p/d "Ear" cd. in 49 ds. for 2 IRCs. (Lay-VA).

FRANCE: **FTN87** 13873 f/d white cd. in 17 ds. (Palmer-sheim-MN).

FRANCE GUYANA: **FR3** 5055 f/d folder "Map" cd. in 15 ds. for a FR rpt. and 2 IRCs. (Florian-IL). 6170 same cd. in 27 ds. for a FR rpt. and 2 IRCs. v/s W. Bonnet. (Palmer-sheim-MN).

GABON: **Radiodiffusion - TV Gabonaise** 4830 via **Franceville** "RTC" folder cd. in 5 mo. after a follow-up rpt. used the B.P. 270 address as supplied by Jerry Berg not the B.P. 776 * as in WRTH. v/s F. Etouge-Nze, Le Chef de Service du Centre Emetteur RTG D'Epila Franceville. (Lobdell-MA). **Radio France International** 15435 via **Movabi** f/d "50th Anniversary" cd. in 34 ds. for a FR rpt. (Reinstein-FL). same in 78 ds. (Palmer-sheim-MN).

W E E D
THE 'HIGH' SIDE OF 49 M

M. Gregg,

We are most pleased to verify your telephoned report for our broadcast of 2VIIIB1 on the frequency of 6250 kc, 49 meterband, from 0035-0055 HMQ/UTC. This was a special test transmission directed to Jamaica. WEED is operated by the Quebecois Society of Rastafarians dedicated to the Resurrection of Bob Marley. The cover shows our hideout/studio along the Canadian side of the St. Lawrence River, which we have colonised & ceded to the U.S. for Federal minority aid purposes.

Sincerely yours, Mahatma Tosh

M. GREGG BARES
PO Box 345
Watertown, CT 06795
Etats-Unis

From Ireland QSL to Europe

STATION CAPITAL RADIO INT

WE THANK Gregg Bares

FOR CORRECTLY VERIFIED

RECEPTION REPORT.

FREQUENCY 6268 kHz SW ^{47m}

TIME 05:51 - 08:00 (GMT)

DATE 18th Oct: 1981

TX POWER 200 watts

RADIO THAILAND
THE EXTERNAL SERVICE

via John Meyer

GEORGIAN SSR: **Radio Moscow** 11820 via **Tbilisi** f/d "Temple of Basil Blazhenog" cd. in 65 ds. (Rigas-IL). cd. in 30 ds. (Warner-UK).

GERMAN DEMOCRATIC REP:

Y3S 4525 n/d format * cd. in 2 mo. (Palmer-sheim-MN).

GHANA: **Ghana Broadcasting Corp.** via **Ejura** f/d cd. in 62 ds. for 1 IRC. (Warner-UK).

GREECE: **VOA** 15205 via **Kavala** f/d "Bridge" cd. in 7 wks. v/s Wayne Greene. (Palmer-sheim-MN).

QSL REPORT FORMS ARE NOW AVAILABLE FROM ME.

GREECE: Radiophonicos Stathmos Makedonias
 * 9855 via Thessaloniki f/d cd. in 28 ds.
 v/s Ioannis Dislis, Director. (Rigas-IL).
GUATEMALA: Radio Tezulutlan TG7Z 4835 f/d
 "Religious Parade" cd. in 27 ds. for a SP
 rpt. and 2 IRCs. (Connell-CA). Radio Cultural
 TGNA 3300 cd. in 153 ds. (Manning-TX).
HAITI: Radio 4VEH 11835 "Childrens" cd. in
 233 ds. v/s Edna Beachy. (Tekulve-OH).
HOLLAND: Radio Nederland 17605 via Lopik f/d
 "Country Inn" cd. in 15 ds. w/ decals and
 * photos. (Overstreet-GA). Radio Jan Rap 6274
 f/d cd. 6 ltr. w/ station photo in 3 wks.
 for 3 IRCs. First reception from the USA!
 (Santosusso-FL).

HONDURAS: La Voz Evangelica HRVC 4820 n/d cd.
 in 24 ds. for an EG rpt. and 2 IRCs. v/s
 Cindy L. Maradriaga. (Connell-CA). La Voz de
 Mosquitia HRKK 4910 f/d plain white cd. w/
 pennant in 10 mo. for 2 IRCs. v/s Landon
 Wilkerson. (Lobdell-MA). same w/ personal
 ltr. and 2 pennants in 29 ds. for an EG
 rpt. and 2 IRCs. Addr: Mision Bautista,
 Depto. Gracias a Dios, Puerto Lempira,
 Honduras. (Florlan-IL).

HUNGARY: Radio Budapest 15220 "Church Steeples"
 cd. w/ pennant in 5 wks. (Kirkland-ONT).
ICELAND: ISBS 13797 f/d "Thingvellir" cd. in 44 ds. for a
 tape rpt. and 2 IRCs. (Loh-AZ). same in 3 wks. for 1 IRC.
 (Wilkins-CO). f/d cd. in 26 ds. for a tape rpt. and 2
 IRCs. (Briscou-IN).

IRAN: Voice of the Islamic Republic of Iran 9022 f/d cd.
 in 65 ds. w/ assorted materials. (name?) 15084 cd. in 39 ds. (Rigas-IL).

IRELAND: South Dublin Radio 6240 f/d cd. in 1 mo. for a tape rpt. and 3 IRCs. Power 1 kw,
 * (Matthews-OH). f/d cd. in 5 wks. for 2 IRCs. (Lazarus-LA). cd. in 48 ds. for a tape rpt.
 and ms. (Sgrulletta-NY). f/d cd. in 6 wks. for 2 IRCs. (DeFeyerter-MI). cd. in 2 1/2 wks. for
 2 IRCs. (Kirkland-ONT). cd. in 23 ds. for 2 IRCs. (Palmerheim-MN).

ITALY: RAI 11800 "Giorgione" cd. in 74 ds. (Tekulve-OH). 9575 f/d "11 Pescatore" cd. in 89ds.
 * for 1 IRC. (Brouillette-MI). Italian Broadcasting Corp. 7360 via Firenze f/d special cd.
 for a cooperative program w/ Radio One on the 5th anniversary of their DX Program. Card
 rcvd. in 260 ds. w/ 2 stickers. (Clifford-FRG). same in 277 ds. for 1 IRC. (Warner-UK).
 * Stazione Italiana 7385 via Paduan/d cd. in 51 ds. for 1 IRC. (Warner-UK).

IVORY COAST: Radio Abidjan 7215 p/d "Map" cd. in 21 ds. for a FR rpt. and
 ms. (Buer-FL). same in 48 ds. for a FR rpt. and 2 IRCs. (Palmerheim-MN).
JAPAN: JJJ 10000 cd. in 53 ds. for 1 IRC. (Warner-UK). NSB 6055 and 9595
 f/d "Girl" cd. in 2 mo. (Palmerheim-MN). Radio Japan 17825 "Mt. Fuji"
 cd. in 18 ds. (Mazur-PA). same in 23 ds. (Tekulve-OH). 17755 same cd. in 23



RÁDIO EDUCAÇÃO RURAL DE COARI LTDA.
 POR DEUS, PELA PÁTRIA, PELA PROMOÇÃO DO HOMEM AMAZONENSE

Querido Sr.
 via Don Moore

É uma satisfação muito grande, termos recebido sua carta de recepção, e também ao saber que o Sr. tem toda a satisfação de atuar em esta empresa tão querida de Amáveis RÁDIO EDUCAÇÃO RURAL DE COARI, muito obrigada por sua carta.

Quero dizer-lhe através desta resposta de sua carta, que admiramos muito o seu desejo de estudar para trabalhar com família e amigos, pois esse serviço é muito Gratificante e requer muita dedicação e amor do líder. Eu também sou uma jovem de 21 anos que trabalho com crianças jovens e adultos, e adoro meu trabalho, pois me sinto feliz em poder ajudar aos meus alunos, dando alegria ao sorriso nas palavras de amor e carinho. O Sr. deve estar querendo saber quem sou eu? Sou a secretária e correspondente da RÁDIO EDUCAÇÃO RURAL DE COARI, meu nome é Maria de Lourdes Moraes das Neves, para qual o Sr. escreveu sua maravilhosa carta. Boa noite. Não é possível enviar um cartão postal de nossa cidade, mas estou enviando-lhe um envelope de material de nossa cidade. (COARI), e também um outro cartão postal, agradecendo de sua cidade a distância.

RADIO HIT MUSICAL

LA REINA DE LOS 90 MTS.
Emisoras Hid-Hi2d
 1600 KCS 3385 KCS
 ONDA LARGA ONDA CORTA

JAVA: Voice of Indonesia
 11790 f/d "Market Place" cd. in 114 ds. (Leite-MA). same in 68 ds. for 2 IRCs (Lay-VA). f/d cd. in 80 ds. for 2 IRCs. (Warner-UK). same in 87 ds. for an EG rpt. and 2 IRCs. (Connell-CA).
KENYA: Voice of Kenya 4915 f/d ltr. in 26 ds. for 2 IRCs. v/s E.I.C. Karen, (Florlan-IL).
KOREA, REPUBLIC OF: Radio Korea 6480 f/d cd. in 60 ds. (Clifford-FRG). 9870 f/d "Seoul" cd. in 6 wks. (Matthews-OH).

KUWAIT: Radio Kuwait 11675 f/d folder cd. in 5 wks. (Wilkins-CO).

same in 44 ds. (Tekulve-OH). same in 39 ds. (Tok-archick-NY). same in 40 ds. (Manning).

LATVIAN SSR: Radio Riga 5935 f/d "Let-lands Radio Riga" cd. in 100 ds. w/ a great pennant! v/s Lena Bryntsedra, Mailbag Editor. (Reinstein-FL).

LEBANON: Voice (King) of Hope 6215 f/d ltr. in 17 ds. from the Israel address. v/s Violet Kelley. (Herkimer-NY). n/d ltr. in 12 ds. for ms. v/s Don Otis. (Palmerheim-NY). Radio Lebanon 11820 f/d cd. via registered mail in 339 ds. for 1 IRC. (Warner-UK).

LIBERIA: VOA 15445 "Golden Gate Bridge" cd. in 11 ds. (Tekulve-OH). 17870 same cd. in 15 ds. (Tekulve-OH). f/d "Anniversary" cd. in 26 ds. (Luke-OH).

MALAGASY REPUBLIC: Radio Nederland 9715 f/d "Country Inn" cd. in 18 ds. (Tekulve-OH).

MALTA: International Christian Radio 9515 f/d "Toronto CN Tower" cd. in 15 ds. (Kimmell-ONT). same in 25 ds. for ms. (Herkimer-NY). same in 16 ds. for 1 IRC. (Warner-UK). in 34 ds. (Lay-VA). Malta Calling 9670 f/d ltr. in 41 ds. v/s Victor Aquilina, Head of Radio Programs. (Rigas-IL). same in 2 mo. for 2 IRCs (Kirkland-ONT).

MEXICO: Radio Mexico XERMX 15430 f/d cd. in 82 ds. for 1 IRC. (Overstreet-GA). white f/d cd. in 70 ds. w/ sticker. (Kimmell-ONT).

MONACO: Trans World Radio 9495 p/d "Broadcasting House" cd. in 20 ds. for 1 IRC. (Kimmell-ONT). same in 3 wks. w/ paper pennant. (Wilkins-CO). 9745 f/d cd. in 68 ds. (name?).

MONGOLIA: Radio Ulan Bator 12070 f/d cd. and pennant in 158 ds. for 2 IRCs. (Orekar-CA). f/d cd. in 92 ds. (Tutak-NJ).

MOZAMBIQUE: Radio Mocambique 11820 f/d "World Globe * and Logo" cd. in 28 ds. for a PT rpt. and 2 IRCs. (Palmerheim-MN)...Not seen too much lately!

NAMIBIA: Radio SWA 4965 cd. in 31 ds. for a tape rpt. and 3 IRCs.

NEW ZEALAND: Radio New Zealand 17860 cd. and pennant in 63 ds. for 2 IRCs. (Kimmell-ONT).

NICARAGUA: Radio Sandino 7316 ltr. in 30 ds. for a SP rpt. and 3 IRCs. v/s Jose Ma. Jimenez * A., Relaciones Publicas. Also rcvd. MW sked, huge pennant and a poster. (Gavaras-MN)!!!

NIGERIA: FRCN 4770 via Kaduna f/d ltr. in 65 ds. for 2 IRCs. v/s Ismaila Mohammed, Chief * Engineer. (Palmerheim-MN). Radio Kwara 7145 f/d form ltr. in 20 ds. for 2 IRCs. v/s H.O. Adevuyi. (Warner-UK).

NORTH SOLOMONS: Radio North Solomons 3322.5 f/d ltr. in 7 wks. for 3 IRCs. v/s Sam Sawa, Assistant Station Manager. (Taylor-PA).

NORWAY: Radio Norway 21655 cd. in 26 ds. (Mazur-PA). 25615 f/d "Rostad" cd. in 54 ds. w/ sticker. (Coombs-NFLD). 11935 "Traditional Dress" cd. in 73 ds. (Tekulve-OH). (Briscoe-IN)

PAKISTAN: Radio Pakistan 11670 and 9870 f/d "Prehistoric Remains" cd. in 32 ds. for 1 IRC.

PAPUA NEW GUINEA: Radio Milne Bay 3360 form ltr. and p/d cd. in 4 mo. for ms. small paper pennant was also rcvd. (Lazarus-LA). Radio Southern Highlands 3275 n/d personal ltr. in 4 1/2 mo. for ms. v/s Ronald Kondun, Assistant Station Manager. (Lazarus-LA).

PARAGUAY: Radio Nacional 11915 p/d ltr. in 25 ds. for a SP rpt. and 1 IRC. v/s Carlos Tomas Montaner. (Palmerheim-MN).

PERU: Radio Rioja 5045 personal ltr. plus a very nice pennant in 6 wks. for a SP rpt. and ms.

* and a tape. v/s Teofilo Juan Mori Mendoza, Director. Addr: Jr. Faustino Maldonado 934, Rioja. (Lobdell-MA).

CADENA RADIODIFUSORA MEXICANA, S.A.

XEW XEW

LA VOZ DE LA AMERICA LATINA DESDE MEXICO



**PAKISTAN
BROADCASTING
CORPORATION**

35-A, Satellite Town, Rawalpindi, Pakistan

Thank you for your report on our World Service Service from 1915 to 2145 GMT on 6210 kHz which is in accordance with our schedule.

If you require any further information on any of our programmes, please write at the above address



PERU: Radio Rioja 5045 personal ltr. in 6 * wks. for a SP rpt. & ms. (Lazarus-LA).

PHILIPPINES: Radio Veritas Asia 11955 f/d "Candle" cd. in 45 ds. for 1 IRC. v/s Ms. Cleofe R. Labindao. (Palmerheim-MN). FEBC 15440 f/d "Water Buffalo" cd. in 1 mo. for 1 IRC. Pennant rcvd. (Wilkins-CO). VOA 15410 via Tinang cd. in 12 ds. (Rigas-IL). 11715 cd. in 11 ds. (Tekulve-OH).



RADIO ANKARA



TURKEY

Dear
We confirm that the station you heard on April 5, 1953 at 21.30 G. M. T. was our Station T.A.P.

Yours faithfully,
W. J. P.
Director

	Call letters	Kc/s	Mtr.	Kw.
ANKARA	TAR	182	1648	120
ANKARA I	TAN	6000	50.00	20
	TAM	7240	41.44	20
	TAP	9405	21.70	20
	TAK	11760	25.51	20
	TAQ	15195	19.74	20
	TAD	17720	16.93	20
ANKARA II	TAS	7285	41.18	100
	TAT	9515	21.53	100
	TAU	15180	19.79	100
	TAV	17820	16.94	100

POLAND: Polish Pathfinders Station 7205 f/d cd. in 69 ds. for 1 IRC. (Warner-UK).

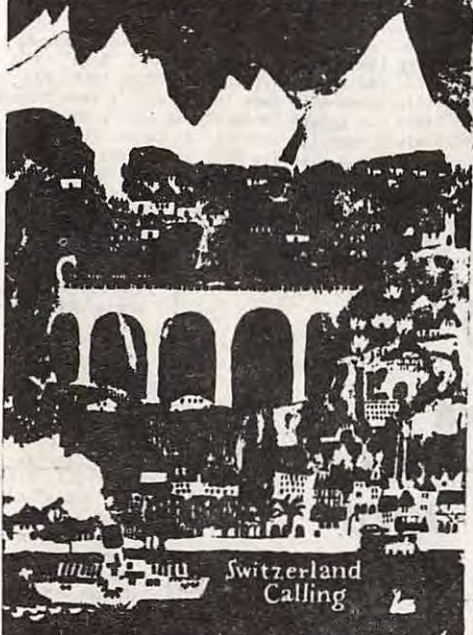
PORTUGAL: Radio Portugal 11925 "Gasas Na Aldeia" cd. in 31 ds. w/ sticker. (Tekulve-OH). IBRA Radio 9670 f/d "Leather Handicraft from Argentina" cd. in 23 ds. (Rigas-IL). Radio Japan 11950 via Sines "Mount Fuji" cd. in 1 mo. **ROMANIA:** Radio Bucharest 11940 f/d "Galati Harbour" cd. in (Herkimer-NY). 11 wks. (Wilkins-CO). 9570 f/d "Painting" cd. in 1 mo. (Overstreet-GA). **SAO TOME:** Radio Nacional de Sao Tome 4807 f/d ltr. in 120 ds. after a follow-up for a PT rpt. and 2 IRCs. v/s Maria Jose Castro. (Gavaras-MN). (Warner-UK).



SARAWAK: Radio TV Malaysia 5005 via Sibul f/d "Studio Building" cd. in 28 ds. for 1 IRC. **SAUDI ARABIA:** BSKSA 11855 p/d "Logo" cd. in 2 mo. for 1 IRC. (Lay-VA). **SENEGAL:** Radio Senegal 7210 n/d "Panorama du Senegal" cd. w/ ltr. in 42 ds. for a FR rpt. * and 2 IRCs. v/s Mouhamed Faye. (Palmerheim-MN). **SICILY:** RAI 7175 via Caltanissetta f/d cd. in 100 ds. (Gliksman-IL). f/d "Painting" cd. in 80 ds. (Lay-VA). **SOLOMON ISLANDS:** SIBC 9545 f/d "Logo" cd. in 82 ds. for 2 IRCs. (Plotnick-CT). same in 32 ds for 2 IRCs. (Manning-TX).

SOUTH AFRICA: Radio RSA 11900 "Elephant" cd. in 22 ds. w/ calendar. (Tekulve-OH). same in 29 ds. for 1 IRC. (Brouillette-MI). 25790 cd. in 1 mo. (Palmerheim-MN). 17755 "Protea" cd. in 24 ds. w/ sticker. (Tekulve-OH). SABC 4880 f/d "Scene" cd. in 23 ds. (Palmerheim-MN). Capital Radio (Transkei) 9790 p/d cd. in 117 ds. for 2 IRCs. v/s Wick Tucker. (Manning-TX).

ALL INDIA RADIO



Switzerland Calling

SPAIN: Radio Exterior de Espana 11880 f/d "Bisonte" cd. in 5 wks. (Wilkins-CO). cd. w/ pennant in 36 ds. (Tekulve-OH). "Museum Painting" cd. w/ pennant and sticker in 32 ds. (Tekulve-OH). 11840 "Bison" cd. in 35 ds. (Clifford-FRG). 9630 "Museo de Arte de Cataluna" cd. in 27 ds. (Tekulve-OH). cd. in 6 wks. (Matthews-OH).

SRI LANKA: VOA 9645 f/d "Bridge" cd. in 19 ds. (Palmerheim-MN). 15250 cd. in 12 ds (Rigas-IL). same in 2 wks. (Gliksman-IL) cd. in 11 ds. (Tokarchick-NY). **Adventist World Radio** via SLBC 9720 f/d "RMI" cd. pennant and QSL stamp in 34 ds. for 1 IRC. (Warner-UK).

SUMATRA: RRI Tanjungkarang 3395 personal * ltr. in EG in 30 ds. for 2 IRCs. v/s Hmdan Syahbeni, Chief of Station. (Warner-UK). RRI Medan 4764 f/d EG cd. w/ photo in 64 ds. for an EG rpt. and 2 IRCs. v/s Cornell H. Tobing, Kepala. * RRI sticker rcvd. (Warner-UK). RRI Sibolga 5259 ltr. in 96 ds. for an IN rpt. tape and 2 IRCs. Rcvd. via registered mail. v/s Hutabarat. (Warner-UK).

SURINAM: Radio Apintie 5005 f/d ltr. w/ pennant in 36 ds. for 2 IRCs. v/s E. Vervuert, Director. (DeFeyer-MI). same w/ pennant in 21 ds. for 2 IRCs. (Orekar-CA).

POSTO MEMBRAS **CR 6 RE** Radio Clube de Malanje

SWAZILAND: Trans World Radio

11740 f/d folder cd. in 32 ds. v/s J. Olson. (Palmerheim-MN). same in 58 ds. for 2 IRCs. (Manning-TX). in 40 ds. for 2 IRCs. (Connell-CA).



SWEDEN: Radio Sweden 11705

cd. in 15 ds. w/ pennant, sticker pennant. (Tekulve-OH).

* **Radio Atlantis 11400 f/d cd.** showing the old offshore Atlantis ship in 221 ds. for 1 IRC. (Warner-UK).

SWITZERLAND: Swiss Radio International

11715 "Lake of Samtis" cd. in 33 ds. (Tekulve-OH). 3985 same cd. in 25 ds. v/s N. Chisholm. (Palmerheim-MN).

TAIWAN: Voice of Free China 11765 f/d cd.

plus 2 pennants in 82 ds. (leite-MA). 11745 f/d "Butterfly" cd. in 11 wks. w/ pennant. (Wilkins-CO). 17800 f/d cd. w/ cd, key chain, tie tac, pennant in 30 ds. for 2 IRCs. (Vogelman-NY). ester-CA).

TANGIER: VOA 15205 f/d cd. in 17 ds. (Hard-

TANZANIA: Radio Tanzania 4785 n/d cd. in 10 mo. (Lazarus-LA). 9685 f/d "Sauti ya Tanzania" cd. in 33 ds. (Palmerheim-MN).

TURKEY: Voice of Turkey 7215 f/d cd. w/

pennant and stickers in 22 ds. for 1 IRC (Lay-VA). 9560 "Birds in Grass" cd. in 35 ds. w/ pennant, sticker and iron-on patch. (Tekulve-OH).

TURKMENIAN SSR: Radio Moscow via Ashkabad on

15295 cd. in 30 ds. (Warner-UK).

UKRAINIAN SSR: Radio Moscow 9550 via Vinnitsa f/d "Tretyak Gallery" cd. in 65 ds. (Rigas-IL)

11870 via Lvov cd. in 30 ds. (Warner-UK). 7330 via Kiev w/ f/d cd. in 30 ds. (Warner-UK).

15455 via Simferpol w/ f/d cd. in 30 ds. (Warner-UK).

UNITED ARAB EMIRATES: Radio Dubai 17775 f/d "World Map and Logo" cd. in 171 ds. after a

follow-up rpt. v/s K.F. Fenner. (Byron-NY). 15320 f/d cd. in 34 ds. for 2 IRCs. (Orekar-CA). 21700 f/d cd. in 38 ds. for a tape rpt. and 2 IRCs. (Sgrulletta-NY).

USA: WWV 20000 f/d "Indians and Antenna Tower" cd. in 12 ds. v/s John B. Milton, Engineer

in Charge. (Brouillette-MI). WYFR 15440, 15215, 21615 and 11830 "Logo" cds. in 25 ds. (Tekulve-OH). 21615 f/d cd. in 46 ds. (Luke-OH). WINB 15185 f/d "Logo" cd. in 29 ds. for ms. (Alsbrook-AR). same in 30 ds. v/s John Thomas (Tekulve-OH). VOA 9565 and 21460 via Delano "Bridge" cds. in 11 ds. (Tekulve-OH). 9530, 6130 and 9650 via Greenville same cd. in 14 ds. (Tekulve-OH). 26040, 15410, 9650, 6130 cds. in 11 ds. (Tekulve-OH). 6869.5 f/d "Bridge" cd. in 1 mo. Card list this as Sri Lanka w/ 7115 at bottom of cd. My list shows a VOA feeder from Greenville on @ 6873. (Palmerheim-MN). 21485 and 17730 via Bethany cds. in 11 ds. (Tekulve-OH). 21485 f/d "Anniversary" cd. in 17 ds. (Luke-OH). United Nations Radio 15410 cd. in 512 ds. (!) (Warner-UK). 15305 f/d "Logo" cd. in 3 wks. (Orcutt-CA). 15120 cd. in 10 ds. (Alsbrook-AR). f/d cd. in 26 ds. (Loh-AZ). KGEI 15280 f/d "Logo" cd. in 42 ds.



1960s QSL from Radio Sweden

Flygning taken up to heaven. A painted ceiling by Hans Carl Hansson. 1777-1805, in an old farmhouse near Rättvik.

Among the strangest blossoms of Swedish popular art are the paintings made a hundred years ago by peasant painters in the province of Dalecarlia, in the heart of Sweden. Their motifs were mostly taken from the Old Testament, whose dramatic tales they pictured as happening in their own everyday surroundings. The naive art of the Dalecarlian painters flourished in a geographical isolation which has long since been broken down. Yet in the midst of the hour passed the past lives on in Sweden — the country which sends you this greeting from Scandinavia through **RADIO SWEDEN**.



Radio 4VEH

1960s QSL from Radio Station 4VEH



BOX 1

CAP HAITIEN

HAITI

WEST INDIES

for ms. (Palmerheim-MN). **Voice of Free China** via WYFR 5985 f/d "Carved Ivory Brush Holder" cd. in 17 ds. Also rcvd. pennant, coaster and stickers. (Buer-FL). 11740 f/d "Horse" cd. in 25 ds. for 2 IRCs. Also rcvd. pennant, sticker and station pin. (Gavaras-MN).

USA: Voice of the Voyager 6825 f/d B&W cd. in 17 ds. for ms. Addr: P.O. Box 982, * Battle Creek, MI. 49016. (Lazarus-LA). f/d cd. in 16 ds. and ms. (Sica-NJ).
 * WOIS 7435 f/d ltr. (xerox copy of a hand print) in 2 wks. for ms. Station asks for an SASE and ms. Addr: Apt. 2A11, WSV, Potsdam, NY. 13676. (DeFeyerter-MI). Voice of the Pyramids 6240 f/d ltr. in 27 ds. v/s Mike Johnson. 100 watts! Battle Creek address was used for this
 * one. (Palmerheim-MN). KK2XJM 10140 f/d cd. in 43 ds. (Sarkisian-MI).

USSR: Radio Station Peace and Progress 19mb. red n/d cd. in 37 ds. (Kimmell-ONT).

UZBEK SSR: Radio Tashkent 11785 f/d "Building" cd. in 42 ds. (Loh-AZ). f/d cd. in 68 ds. (Sarkisian-MI). f/d cd. in 76 ds. for 2 IRCs. (Tutak-NJ). p/d cd. in 41 ds. (Kimmell).

VANUATU: Radio Vanuatu 7260 f/d "Logo" cd. in 286 ds. for 2 IRCs. v/s I.J. Irving. (Palmerheim-MN). f/d cd. in 73 ds. for an EG rpt. (Sarkisian-MI).

VATICAN: Radio Vatican 11845 f/d "50th Anniversary" cd. w/ pennant in 27 ds. (Tekulye-OH).

VENEZUELA: Radio Rumbos 9660 f/d "Junko Country Golf Club" cd. in 183 ds. for a SP rpt. and 2 IRCs. (Reinstein-FL). Radio Yaracuy 4940 ltr. in 1 1/2 mo. for a SP rpt. (Herkimer-NY). ltr. in 37 ds. for a SP rpt. and 2 IRCs. (Sica-NJ). ltr. in 118 ds. (Rigas-IL).

VIETNAM: Voice of Vietnam 10080 f/d white paper cd. w/ purple lettering in 152 ds. (Reinstein-FL). 15010 f/d cd. in 124 ds. (Overstreet-GA). same in 147 ds. w/ new small pennant. (Leite-MA).

WEST IRIAN: RRI Jayapura 9611 f/d EG cd. in 29 ds. for an IN rpt., tape and 2 IRCs. v/s Mohammed Ely, Technical Staff. (Warner-UK).

This time around we had @ 104 countries reported. About average but with some real nice QSLs! Keep up the good work gang!

NOTES: John Wilkins of 4440 Dover St., Wheat Ridge, CO. 80033 is in need of sentences or phrases that can be utilized on a PT prepared cd. for Brazilian stations. Hope a few of our readers can help John out...Sam.

Herman M. Speece, Jr. of Route 1, Union Grove, NC. 28689 has an unusual hobby. He is a new beer can collector. I'm sure that many of our members could help him out by sending a few undented (used of course) cans of regional or local brands to him...Sam.

Herman - could you possibly make it to our next outing in September? Hi!
 I would also like to welcome a new contributor to our column...Dave Kimmell from Ontario We seem to pick up a few new contributors every month. Where are the rest of you?



Circa 1960s



RADIO PAKISTAN

KARACHI	
APK-1	361.4 M 830 Kc/s Shortwave
APK-2	Shortwave
APK-3	Shortwave
APK-4	Shortwave
APK-5	Shortwave
HYDERABAD	
APH-1	297.03 M 1010 Kc/s
LAHORE	
APL-1	275.2 M 1090 Kc/s
APL-2	476.3 M 630 Kc/s Shortwave
APL-3	
RAWALPINDI	
APR-1	280.9 M 1150 Kc/s Shortwave
APR-2	
PESHAWAR	
APP-1	517.2 M 680 Kc/s
APP-2	Shortwave
QUETTA	
AFQ-1	400 M 750 Kc/s
AFQ-2	Shortwave
DACCA	
APD-1	250.4 M 1170 Kc/s
APD-2	438.4 M 690 Kc/s
APD-3	Shortwave
APD-4	Shortwave
APD-5	Shortwave
RAJSHAHI	
CHITTAGONG	277.7 M 1080 Kc/s
CHITTAGONG	344.8 M 870 Kc/s
SYLHET	263.1 M 1140 Kc/s

x.p.t.o.

RADIO PAKISTAN

Time: West Pakistan = GMT + 5 hrs.
 East Pakistan = GMT + 6 hrs.

gratefully acknowledges your communications of... and confirms your reception reports as correct. We are interested in the report on 486K Kc/s between 1945 and 1950 G. M. T.

Please remember - when submitting your reports to this section write your last name and State, Province/country at the end of each item. Try to use only one side of the paper. It will help a great deal at this end.

Until next time.....73s

Sam



update

March 1982***Number 110

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

UPCOMING DEADLINES: March 10 (Mid-March) March 21 (April) 9 April (Mid-April)

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

AFGHANISTAN RA, 4450, in lang 0210-30; very weak and // much better 4740 and 10457. ME-type mx and chants. 3 time pips and talk by M at 0230. (Brian Alexander, PA 2-8)
COLOMBIA Em. Meridiano 70, 4925, in SP 1030-1120; good sig w/ nice local mx and IDs as "Meridiano Setenta." Not heard for some time. (Alexander, PA 2-14)***Not being hrd here in local evenings. Wonder if reduced sked? tba

ETHIOPIA VoRE, 9595, in EG w/ poss FR and AR 1922-1959*. Machine gun fire IS. Mention of Addis Ababa, long commentary on freedom for African nations. Occasional native mx. Poor w/ much QRM and QRN and a healthy dose of QSB as well. (Paul Choroszy, ME 2-15)

FR. GUYANA Cayenne, 4972, in FR 0035-0106*. Weak w/ QRM from Rumbos and UTE but //5055 and 3385, both very strong. Big band mx, pips at 0100, nx by W. S/off 0104 w/ NA and two repeats of guitar vamp. (Alexander, PA 2-12)

LIBERIA ELWA, 3230, in lang 0715; good. Talk and local chants. EG ID 0720 and into FR. (Alexander, PA 2-14)

MALI Bamako, 4783, in verns 2300-0000*; strong and // 4838 and 5995, also strong. Talk by M, local Afr and AR style mx. 5995 ruined by VOA carrier 2350. S/off 0000 w/ NA. (Alexander, PA 2-11)

PERU R. Chota, 6295, in SP 0310-0400*; pgm of Peruvian mx w/ anncmts by M after each song. Heard some mentions of Chota and Peru and many time checks, which included seconds. Final anncmt 0357, long NA at 0358 and 0400*. Interference from CW and RTTY stns. (Henry Lazarus, LA 2-12) *** R. Satellite, 6726, in SP 0355-0417, presumed; pgm of mostly continuous Peruvian mx w/ only two anncmts by M, one at 0402 and the other at 0414. Anncmts difficult to understand because of weak signal and high static level and did not hear ID. (Lazarus, LA 2-12)

PIRATE Pirate Radio Central, 1617, in EG 0720-0933*. Fair sig w/ pop/rock mx, taking calls from DC, Chicago, Syracuse, Cape Cod, Long Island, Ottawa, Wilmington and Dunlo, PA, at 212-352-9906. S/off w/ Amazing Grace 0933. Would not give location or address. Wouldn't even give power except to say it was over 100w. (Alexander, PA 1-31)***Sour grapes reminder time--as good as these pirates are as catches, they aren't SW under our country counting rules. tba

QATAR QBS, 15505, in AR 1734-1831; AR talk by M and AR mx to 1759, time pips 1800, the next by M to 1818, this being preceded and followed by intervals of classical and AR mx. No full ID copied but I definitely hrd "Min al-Doha" in anncmt by W at 1831 and probably hrd it in anncmt by M 1818. Strong. (Lazarus, LA 2-4)


USA WRNO began regular transmissions as of 2-12. Noted w/ Mark Costello anncr, and ID as WRNO Worldwide without reference to test xmsn. Noted on 15355 2030-2200 then to 11890 to 2300*. Requested reports to Box 100 New Orleans. T-shirts for sale for \$6. Said first 1000 reports would receive special QSL and would become charter members of the WRNO DX Club. MX all r4r with IDs after each song or every other song. (Greg Ravenhorst, MN 2-12)---Same noted 2-13 w/ T-shirt and QSL offers--said the QSL would be suitable for framing. Sked given as follows: 1800-2000 on 17895 (this not noted since late Jan), 2000-2200 15355, 2200-0000 on 11890 (but closed at 2300 on 2-13) and unspecified 49mb freq 0000-0200. Said two IRCs or sufficient postage necessary for QSL. (Ken Briscoe, IN 2-13)---WRNO noted on 6145 in EG 0740-0830; excellent. Booming in w/ rock and jazz mx, IDs and religious pgms: "Moments of Inspiration," "The Purpose of Life," and "The Quiet Hour." Gone 1020 recheck. (Alexander, PA)

USSR Baku, 4785, in RS 0230-0400; good. Local and classical piano mx. Talk by M&W. 6 pips 0400 and talk by M. (Alexander, PA 2-8)

VENEZUELA R. Sucre, 4960, in SP 0323-56*; pgm of Latin American mx w/ anncmts by M. TCs after every song and many mentions of "Radio Sucre en el Recuerdo." Closing anncmts 0353 giving MW, SW and FM freqs, IDing as R. Sucre, part of "la gran cadena nacional Rumbos," and transmitting from "Cumana, capital del estado Sucre, Republica de Venezuela, patria del Libertador, puerta del turismo a la America del Sur." NA 0355 and 0356*. Very good sig. (Lazarus, LA 2-1)

YEMEN Sanaa, 4853, in AR 0335; fair. Talk by M and AR mx. // better 9780. (Alexander, PA 2-8)

Well, folks, that's it for another UD. This looked more like a mid-summer UD than one for a period at the height of the DX season. Where are the Indos? the PNGs? More important, where are you? Share your logs today. I'ts easy.

Best of 73, 

log report *section*

1600-4899



TERRY KRUEGER

- 1610 ANGUILLA Caribbean Beacon; 0323 EG rel. pgm w/ ID at end of pgm, weak (Marano 1-5) 0224 xlnr M rel pgm (Bolland 1-16)
- 1615 USA (PIRATE) Free R 1615; 0441-0510 t/out, g w/ well-done comedy (parodied Ronald McDonald House) 35 dB o/ s9 (Wallace 1-31)
- 1616 USA (PIRATE) Pirate R Central; 0636-0933* found this at tune-back, Pirate Joe taking calls, '60's mx, calls from Battle Creek, MI, DC, PA, IL, Ottawa, DE and south MA; s/off w/ "Amazing Grace". App. anti-nuke and wanted peace (Wallace 1-31) 1617 kHz, 0740-0750 w/ calls at (212) 352-9906; DJ said couldn't QSL, as didn't know about FRC (Valko 1-31)
- 1630 USA (PIRATE) R Douche; 0512-0537* mx, Let's Make A Deal-type pgm competing for hashish, Douchy Question of the Week, IDs as "The Cleansing Station"; strong (Wallace 1-2) Which reminds me, did you hear how the fire dept. extinguished the burning douche? They had to tampon it... TK
- 1630 USA (PIRATE) WGUT; 0645-0935 EG, g slick mx pgm, calls (Wallace)
- 2300 KOREA, DR Hyesan; 1333 p-f KK M //2850 and others (McGreevy 1-9)
- 2320H CUBA RHC; 1044 SP M, (Bolland 1-5) 2 X 1160?... TK
- 2390I GUATEMALA LV de Atitlán; 1250-1310 presumed, w/ no def. ID, vy. strong w/ tlk by M&W in Indian lang thru f/out (Florian 1-14)
- 2390 MEXICO R Huayacocotla; 1200-1304 SP flk mx, fiddling, IDs by M, f-p, 1300 increase in strength (Zilmer, Wilkins, Orcutt)
- 2428 ADMIRALTY IS. R Manus; 1249-1300* PD, C&W, M, NA 1300 (Florian 1-12)
- 2430 UNID Oriental, no TPs on hr. Seems CH, poss. MW harmonic, as found //4131 FRC which is 3 X 1377 kHz (Young)
- 2745 KOREA, DR Siniju; 1345 p, opera, W //others. N Koreans easily hrd in CA, even on the MWS! (McGreevy)
- 2850 KOREA, DR Pyongyang; 1345 g-xlnr, opera, ID 1400 (McGreevy 1-9)
- 3120I TIMUR RRI-Dili; p-f 1406 IN-like lang, low audio, clscd. mx, QRN, good condx this a.m., no ID (McGreevy 1-9)
- 3200 CHINA Fuzhou-2; 1135-1339 CH W, opera, //3400, 3900, 4380, 5170; all good (McGreevy, Reinstein)
- 3200 SWAZILAND TWR; 0300-0330 vernac, IS/ID, rel. pgm, gave address in EG (Potorti, Murff)
- 3205 BRAZIL R Ribierão Preto; 2344-0008 PT canned ID, "Godfather" theme, ads, local pops (Bolland, Reinstein)
- 3205I INDIA AIR-Lucknow; 1320-1340 strange tlk by M (Dayen) Thanks for the letter... TK
- 3205 PNG R W Sepik; 1244 C&W, pops, PD M&W tlk, p (Florian)
- 3205 UNID 0324 EG M DJ possibly, suddenly gone by 0330; w/ pop/rock. Maybe Mozambique off-freq., but didn't sound like them (Nikolich)
- 3210Y MOZAMBIQUE RM; between 3208-3211, PT Afro pops, EG pops, tnz and greetings by PT M, nx or cmtry (Florian, Reinstein)
- 3215 SULAWESI RRI-Menado; IN vy fadey w/ IN tlk by M&W (Florian)
- 3220 ECUADOR HCJB; 1047 Quechua M, mx, g (Bolland) 0346 SP cmtry, local mx, weak and QRM (Merkel 2-3)
- 3222 TOGO Lama Kara; 2220 FR, nice Afro chants, W; fair (Klein 1-10) 0540 FR vocals, mixed chorus; sudden off, back 0550 (Florian 1-8)
- 3225 VENEZUELA R Occidente; 0140-0325 SP tunes, M ID, ads, guitars arnts (Marker, Moritz, Dalton, Lineback) *0956 NA (Alexander)
- 3230 LIBERIA ELWA; 2220 vernac M, NA, 2226* (Bolland 1-22)
- 3235 BRAZIL R Cl. Marilia; 2330-2350 here g w/ Brazilian folk-type vocals, M ID 2345 (Moritz 1-27) 2350 PT M, mx, p (Bolland 1-27)
- 3235 INDIA AIR-Shillong; 1320-1339 not sure of lang., tlks, flute mx. This is via Gauhati xmtr (Dayen) Then isn't Shillong (?)... TK Gauhati, 1247-1310 fade, W lang. tlk, native vocals, M 1251 and poss. ID 1300, but RITY QRM prevented, f (Florian 1-27)
- 3240 ECUADOR R Antena Libre; 1114-1130 local mx, SP M ID o/"El Condor Pasa", xlnr 2-5; also nightly 0200* (Krueger) first noted 1-26, 2353, lost in noise 0045. SP pops, no ID till 28th; patriotic vocal 0155 before M ID (Moritz) 1101 choral, SP ID (J. Jones 2-5)

- 3240 SWAZILAND TWR; 0326 lang, choral hymns, M, g (Florian 2-5)
- 3241 MALUKU RRI-Ambon; 1302 IN Jakarta rx by M, // 4845 better (Florian)
- 3245 BRAZIL R Cl. Varginha; 2351-0009 PT M, PT version of US rock, PT version of "Ghost Riders in the Sky"!!! (Moritz) 0222 (Bolland)
- 3250 S. AFRICA R Five; 0200-0355 EG rock, EG/AK DJ IDs, ads, TCs, nx headlines (Dalton, Robertson, Manning, McGreeny)
- 3255 VENEZUELA LV de el Tigre; *0956 s/on w/ NA, opening SP anmts, lcl. EZL mx (Alexander) 1004 (Bolland) 0214 Lam mx, nx, chimes (Dalton)
- 3264 CONGO RTVC-Brazzaville; 2248-2300* FR, Afro guitars, FR M, ID (Reinstein 1-29) 0403* FR ID, Afro tribal mx (Robertson, Neumann, Sams)
- 3265 BRAZIL (which one?) 0010-0033 PT folk tunes, M, TCs, could not nail ID in RTTY/other QRM (Moritz 1-28)
- 3265 INDONESIA easiest way to make sure which one you are hearing (Gorontalo/Bengkulu) is to check // Gorontalo-3798 (Weerakoon-SRI LANKA) Tnx for your info, sir. Those not already IDed last month are used in here... TK
- 3265 SULAWESI RRI-Gorontalo; 1325-1401 light mx, W ID w/site (Dayen)
- 3270 NAMIBIA RSWA; 0230-0300 pres. AK, M ID 0245/0300, mostly jazz, pop, local (?) mx. Poss. IS w/ guitar chords X 2, bells/chimes followed. // 4965 fair, w/ HJ off, vg (Hardester)
- 3275 SWAZILAND TWR; 0324 rel. in lang, 4760 also bombing in (Nikolich)
- 3277.1T KASHMIR AIR-Srinagar; 2-3 and 2-6 1300-1325 f/out, M&W Kashmiri tlks, M chanting, w/ little mx; sort of mix subcont. and ME. Does this sound too good to be true?, hi. No formal ID, but def. not Indo and other AIRS on band this time (Dayen) If so, congrats...TK
- 3285 BELIZE RB; 0130 EG lcl. anmts, night club fare, ads (Lineback) 2358 EG/SP M, basketball, ID/TC at end of game, 0000 (Bolland 1-27)
- 3285 ECUADOR LV del Rio Tarqui; 1051 SP M TC, full ID, f (Bolland 1-25)
- 3288T MALAGASY REP. Tananarive; 1-24 0415 w/ choral singing, CW QRM but definitely there. List as in Malagach lang., but honestly couldn't tell; gone 0427 (Neumann)
- 3300 GUATEMALA R Cultural 0150 SP clscd, mx, UTE (Lineback) 0200 EG rel pgm; lotsa QRM from my parents dinner party--ovens, timers, etc. hi! (McGreeny 1-11)*1058 SP full ID, choir (Bolland)
- 3305 JAWA RRI-Bandung; 1310 IN, ments. of Bandung, Jakarta, Palembang, M&W, Natl. pgm, f-g (Florian)
- 3305 TIMUR RRI-Dili; 1345-1414* IN M, gamelan, first reception in 1 1/2 yrs Nothing on 3120 (Dayen) But see above and 3120 this LR-A... TK
- 3306 ZIMBABWE R Two; 0320 EG, EZL, pops, M DJ, TC/IDs, then Afro lang--bilingual bcsts; g (Murff, McGreeny)
- 3315 INDIA AIR-Bhopal; 1335-1358 HD M, think nx to 1345 (Dayen)
- 3320 KOREA, DR Pyongyang; 1340 KK opera // 2850 (Dayen)
- 3320 UNITD 1317-1320 IN? W, short mx, OC; nothing on 3322 (Pettifor)
- 3325 KALIMANTAN RRI-Palangkaraya; 1405-1430 IN M tlc, Berita Daerah (local nx), ments of Palangkaraya (Dayen, Hensley) 1515* (Wilkins)
- 3326 NIGERIA FRC-Lagos; 2247 vernac., native chants, f // 4990 same strength but clearer (Florian) Seldom reptd.; think Irratic... TK
- 3335 BRAZIL R Cl. da Conquista; 0000 PT mx, then tlc, p (Lopez) Thanks for your nice note, too... TK
- 3335T TAIWAN BCC; 1237 CH instrs, CH tlc by M&W (Florian 1-28)
- 3344 MOZAMBIQUE RM; 0320 PT, Afro mx, ment Maputo; must be 3338 drift; it sounded 10 kW (Sams) It is... TK
- 3345 MALUKU RRI-Ternate; 1130-1200 Nat'l. pgm, IN W, (Florian, Murff)
- 3355 INDIA AIR-Kurseong; 1313 subcont. flute/sitar mx, short anmts, M; almost always covered by UTE (Dayen) Kurseong here, not Hyderabad as reported by Nikolich in LRA-Jan. Hyderabad on 4800 from *1200; they used 3355 abt 5 yrs. ago in mornings but were forced to use 60 m.b. due to propagation problems (Weerakoon-SRI LANKA)
- *3356 BOTSWANA RB; 0351 farmyard clamor w/ cow bells/mooring; choral NA 0358, W ID 0400 // 4845 (better signal) (Reinstein) *0347 ditto above log; amazing level on both channels (Krueger 2-8)
- 3360 GUATEMALA LV de Nahuala; 0100-0130 SP, local vocalist and instrs., ID, g (Lineback 2-5)
- 3365 INDIA AIR; 1251-1305 lang, typical Indian mx w/ drums and W vocals, // 4860; both sigs f-g (Pettifor) 1320 HD tlks, subct. mx (Dayen)
- 3366 GHANA GBC-2 Accra; 2225-2315 xlnt w/ rel mx, songs, hymns, cmntry in EG (Bolland, Klein, Levington, Lopez)
- 3375 BRAZIL R Nac. S.º Gabriel PT pops, EZL, W ID (Wilkins, Bolland) 0251 PT ID, EZL songs (Marker)
- 3380 ECUADOR R Iris; 0956-1107 SP M nx, HC mx, ads (Bolland, Choroszy)
- 3380 GUATEMALA R Chortis; 0100 SP, Lam instrs., ID, g (Lineback 2-5)

- 3380 MALAWI MBC; 0330 Chichewa, percussion mx, slow vocals, EG ID 0400 w/ MBC initials into lang nx (Florian, Robertson, Murff, Sams, Krueger)
- *3385T BALI & LESSER SUNDAS RRI-Kupang; 1357-1407 IN w/ up tempo IN mx into local nx 1400; no ID hrd, p (Gavaras 1-17) 1415 IN, M&W, f/o (Wilkins) I've always wondered if a "Lesser Sundas" is one w/o chocolate... TK
- 3385 FRENCH GUIANA FR3; 0407* on late w/ wild partying in streets 2-14, first day of Mardi Gras celebrations, FR M in streets (Krueger) 2215-0210 soft instrs, FR tlk, calypso (Lopez, Neumann) 0920-1212 FR, hi-life, calypso, TC/IDs, ID (Purdum, Bolland, Earhart)
- 3395 ECUADOR R Zaracay; 0150 W hype on how they serve and educate people of Sto. Domingo; in SP, of course, f (Neumann 1-24)
- *3395 SUMATRA RRI-Tanjungkarang; 2259-2310 (site pres.) IN M ID, SCI, Jakarta nx relay (Crawford) 2252-2308 tnx Crawford tip, p w/ IN M vocal and wild flute accompany solos, M 2258, SCI, RRI ID/nx; a super eve polar-path catch here (Krueger 2-13 & 14)
- 3395T ZIMBABWE ZBC; 2230 M in lang. w/ tlk, lcl. lang, freq. measured; not 3396; tent. (Klein) Or maybe above that you stumbled on... TK
- 3396 ZIMBABWE ZBC-1; 0312-0408 EG W IDs, pop/rock mx, TCs, EZL mx, "a very good mng. to you" (Manning, Reinstein, Murff, Stidwell, Florian, D'Angelo, Lopez)
- 3425 NEPAL RN; complete ID missed, hrd, "extrnl. svc. of R Nepal"; w/ W tlk on festival in Buddhist camp; now for dozenth time at QSL, hi (Hardester 1-19) Nepali w/ usual tlk, M 1215 (Pettifor) 1st log 1431...TK
- 3481 BOLIVIA R Padilla; 0144-0220 shabby lvl. in UTE, local balads, SP M ID and lcl. anmts 0149* (Krueger 2-14)
- 3484T JAWA RKPDKT2-Magatan; 1335 IN, local pop mx and slower stuff; pres-- but have seen rpts. that a different IN is here (Sams 1-19)
- 3607 JAPAN NHK; 1250 nicely w/ M&W JP tlk; ID 1259; then long tlk to 1315* (actually 3607.5) (Neumann 1-28)
- 3779T IRAN VoIRI; lang at 1415-15-1, Koran readings by M, Occl. tlks, march and singers; poss. ID 1500, //15084 (Hardester 2-6) 1413, probably in Farsi, ME singing, //15084 Young
- 3799 SULAWESI RRI-Gorontalo; 1408-1434 seems to have made a stable fix here, but weak // 3265 (Young)
- 3804V SUMATRA RPDT2-Labuan Batu; *1200-1600* is Sams UnID Indo, which is providing xint reception in Sri Lanka (Weerakoon-SRI LANKA)
- 3910 JAPAN FEN; 1044-1412 EG DJ, US rock, sound effects between songs, ID/TCs; nx 1100 (Gliksman, Hensley, McGreevy)
- 3915 SINGAPORE BBC-relay; 1300 IN pgm; not to be confused w/ any Indo station--strong (Dayen)
- 3930 S. AFRICA Capital R; 0128-0207 many pop tunes, ID, EG accented ancr; ads (Young, Hardester) usually bad here, but 11750 vg 0400... TK
- 3939 CHINA Wuhan PBS-Hubei; (3939.2) 1509 CH tlks, mostly CH mx, noted off normal 3940.0 for several months now (Young)
- *3950 UNID 1447-1507 AR here overriding FRC same freq. I believe Iraq once here. Chanting, but ARO QRM; faded by 1511 (Young)
- 3955 ENGLAND BBC; 0318-0322 EG world nx, p (Dalton 2-3)
- 3970 CHINA Neimengu PBS (Inner Mongolia); 1440-1450 CH orch mx and W ancr, full ID 1450; weak but clear channel/easy copy (Darling-UK)
- 3975T ENGLAND BBC; 0430 unknown lang tlk, f-p (Lopez) 0650 EG (Earhart)
- 3975 JAVA RRI-Surabaya; 1328-1400 IN M&W, light mx, ID 1358, IS (Dayen)
- 3985 SWITZERLAND SRI; 0550 IS hd, f (Lopez-PR) 0650 EG (Sarkisian, Hensley) 0615 FR ID (Rapillo)
- 3995 GERMANY, FR DW; GM 0034, IS, ID, nx (Bolland) 0430 GM (Lopez-PR)
- 4050T KIRGHIZ SSR Frunze; 0128 lang M, fluttery sig, vocals (Uerlings 1-29)
- 4055 ERSFSR Kalinin; 0545 RS tlk, some het, f (Lopez-PR)
- 4118 KOREA, DR VOPRK; 1039-1300 KK vocals, W ID, long tlks and martial mx (Reinstein, Florian, Bolland)
- 4485 ARSFSR Petropavlovsk-Kam.; 0925 RS M cmnts, f (Bolland 1-17)/Bolland
- 4500 AUSTRALIA VNG Time Sta.; 1055-1226 EG M ID, time sigs (Choroszy,
- 4520H COLOMBIA R Nievea; 1040 SP M, TC/ID; 4 X 1130 (Bolland 1-8*)
- *4595 UNID 1335-1400 23/25 Dec., vy weak, buried in RTTY; snatches of sub-continental mx, M, too muddy to ID lang. Both days vanished just UK) prior to 1400--unsure if actually s/off. No trace on 24th (Darling-TADZHIK SSR Dushanbé) 0120 RS, exercise pgm, children's story to 0150, piano mx, cmtry in lang (Uerlings, Wilkins) 1305 (Florian)
- 4680 ECUADOR RNE; 0400 SP ID/TCs, "Musica ecuatoriana" (Sarkisian, Marano, Field) 1054 Lam mx, steady lvl, f (Bolland)
- *4699T JAVA RKIP-Surabaya; 1204-1234 def. Indo, assumed site, RRI-Jakarta nx relay 1200 // 4719 et al, lcl. pgm 1215+ in IN; most days since 2-12, fades fast; no station ID; RKIP, or new RRI? (Krueger)
- 4710 PAKISTAN RP-Quetta; 0215 M&W lang, unable to dist. subject, poor (Bolland 1-16) 0235-0300 poss. Urdu, Subc. mx, f (Alexander 2-7)

- 4719.3 SULAWESI RRI-Ujung Pandang; 1054 IN W sweet singing (Bolland 1-15)
1445-1510 f, gamelan, full ID 1500 into Jakarta nx (Darling-UK)
- 4725 BURMA BBS; 1150 BM, varying styles mx, poss. EG W ID 1200; nx to
1210; mx to 1224 f/out (Reinstein 2-3)
- 4730 BOLIVIA R Abaroa; 0247 SP, operatic-air to SP tunes, ID 0400
(Field, Moritz) 1014 flutes, ment. Riberalta, "B. Dias Bolivia"
TC/ID, fades quickly (Choroszy, Gliksman, Bolland, Forth)
- 4735 CHINA (cf. Jan LR-A) Cartwright's unid is Urumqi Uighur Svc. //
5800 and 3990 (Weerakoon, SRI LANKA & Young)
- 4739 BOLIVIA R Mamore; 0246-0300 mx pgm, local vocals w/ whistles, M,
UTE; het de Afghanistan (Field, Valko) 0947 LA vocals, M (Florian)
- 4740 AFGHANISTAN RA; 0130-0300 Koranic vocals, M tlk in lang, ID 0230
(Connell, Uerlings, Moritz) 1220-1355 AR-type vocals, Koran readings,
Dari M ID // 19637 USB (Bolland, Krueger, Murff)
- 4750 TIBET Xizang PBS; 1130 CH M "Xizang penmin Kwangho tientai" ID (Lla-
as) to W ancr and mx; another u/, prob. Heilongjiang (Klein 1-17)
- 4751 SURINAM R Apintie; 0305-0400 DT on & on varied pgm of MoR and rock
mx, here only this night; back on 5006 next day + (Reinstein 1-26)
- 4753 SULAWESI RRI-Ujung Pandang; 2145 g w/ IN tlk (Levington)
- 4760 SWAZILAND TWR; *0358/0329* Afro langs, tlk, sermons, hymns, ID by
M, IS and off (Potorti, Valko, Field)
- 4760 VENEZUELA R Frontera; EZL guitar mx, SP M ID, MoR mx and ads (Valko,
Alexander, Choroszy, Herkimer) 1039-1130 SP ads, TC (Bolland, Lopez)
- 4765 BRAZIL R Rural Santerem; 0814-0837 PT, Brazilian pops, ancr w/ many
laughs and taped animal sounds, no ID, but fits prev. logs (Gliksman)
- 4765 BRAZIL R Nac. Cruzeiro; 1000-1020 PT Donald Duck voice again; rooster
crows, ID, ballads (Alexander, Bolland)
- 4765 LIBERIA ELWA; 2248* EG M ID, NA (Bolland, Levington) 0707 (Csiki)
- 4770 NIGERIA FRC-Kaduna; 0545 EG nx, ID/TC, hilife, soul (Moman, Klein,
Levington, Jordan, Boleley, Lopez, Rapillo)
- 4770 VENEZUELA R Mundial Bolivar; 2328-0302 SP IDs, LAm pops, ads, ments.
of Bolivar (Connell, Earhart, Marker, Rigas, Pickard) 0945-1145 SP M
w/ ID, more IDs and station promos (Moman, Lopez)
- 4777 GABON RTVG; 2308 FR nx by M, f (Moman) Levington)
- 4783 MALI RN; 0640-0715 FR local vocals, M ID, long tlk (Jordan)
- 4785 AZERBAIJAN SSR Baku; 0405 vg w/ AZ and RS tlks, nx, ID, pips on
hour, incl. ME-type mx w/ drums, (Valko, Jordan, Nikolich)
- 4785 TANZANIA RT; 0320 SH, EAF mx, multi-lang ID 0330 as "R Pemba, just
for you..." nx 0345, pips, "Dar es Salaam..." (Murff 1-16)
- 4795 ECUADOR LV de las Caras; 0304* SP, ballads, ID, s/off (Kordan 1-16)
- 4796 BOLIVIA R Nueva America; 0315 SP full ID w/ freqs/onda larga, corta
phone-in request pgm, drifting freq; f (Connell 1-5)
- 4800 LESOTHO RL; *0400 NA, ID, "Joy To the World", SeSotho ID, ad, Sesotho
nx 0415 (Sams, Potorti, Moritz, Biller, Reinstein, Florian, Ni-
kolich, Forth, Lineback, Valko, Krueger)
- 4805 BRAZIL R Dif. Amazonas; 1015 PT ID/freqs, Z+4, mx (Forth, Bolland)
- 4807 SAO TOME RN; 0545 tent. PT tlks, M&W, "R Nac...Tome..."(Hardester)
2201 PT hilife, pops, ID/TCs, flutes (Nikolich, Klein, Valko)
- 4810 GALAPAGOS IS. Lvdc; 0115-0215 calls HCVGH, IDs, SP nx, amnts, full
NA and off 0227 (Neumann, Hood)
- 4812.7 PAKISTAN RP-Karachi; 1412-1502 Indian-style mx, amnts, Urdu tlks, //
other Pakistani outlets at 1500 (Young)
- 4822V VIETNAM Ha Tuyen; yes, Nikolich'unid sounds like the Vietnamese,
1200-1400 (Weerakoon-SRI LANKA)
- 4825 TURKMEN SSR Ashkhabad; Ashkhabad too early; could be Yatusk that
Nikolich hrd around 1253 (Weerakoon-SRI LANKA) 2235 RS, M ancr,
Mayak Svc., f in UTE QRM (Klein 1-10)
- 4835 S. AFRICA SABG; 0326 roosters, EG tlk, ID, "calling all farmers",
agricultural tlk, (Orcutt, J. Jones, Dalton, Moman)
- 4843 CONGO RTVC; 0430 FR, disco, M ID, f (Connell 1-23)
- 4845 BOTSWANA RB; *0346 IS of farm animals, EG ID, vernac. pgming, rel.
choral, nx, prayer (Sams, Field, Mercer, Florian, Buer, Gliksman,
Valko, Murff, Biller, Field) rptd. by Choroszy 2-4)
- 4860 UNID EG, def. not RMWS, 0403 Afro nx (Florian)(Maybe Angola EG nx,

CLOSING COMMENTS: Like last month, quite a bit of material had to be edited
due to page allocation. It's unfortunate that a contributor, especially a
newcomer, goes to the trouble of sending us logs only for it to be omitted--
but don't be discouraged. To increase one sections' size would be to de-
crease another's, since Frendx has a finite size. Hopefully, everyone's
name has appeared at least once this month. Also, our new LR-A Editor of
next month has a new address; 642 Cranbury Cross Rd., No. Brunswick, NJ
08902 USA. Good luck to Stu, and 73... Terry

log report section

4900-6199

B

JERRY BERG

- 4900 VENEZUELA R. Juventud, Barquisimeto, US pops at 0130 1-28, super-hyped ID 0152, fair sig (Connell-CA); EG rock, disco at 0212 on 2-3, ID 0234, nothing latin at all (Sharpe-CA); good w/rock mx 0240 2-5 (Dalton-NY); ditto 0257 (Kimmell-ONT); 0315 1-27 (Sarkisian); and at 0354 s/off on 1-17, also good arnd 0200, a favorite YV (McGreedy-CA).
- 4905 CHINA Presumed Peking, gal in CH 2229 on 1-3, some mx, poor, fady, no ID (Bolland-FL).
- 4909.7 ZAMBIA Lusaka with IS 0355 on 1-19, ID 0400, instr. and march mx, hvy intermittent QRM, faded by 0419 (Hardester-CA). On same exact freq, Moman-ALB rpts an unid. with poor sig 1-13 & 14, 2315 past 0005, soft talk, drums in backnd, and agn 1-20 at 0636 in what sounded like FR, weak, poor till 0756, only other Afr. was Maur.-4845. See 4911.
- 4910 HONDURAS LV de la Mosquita, Puerto Lempira, 0105 1-30 in EG, SP 0115, 0200* (Alexander-PA); 0118-0202*, bland mx, not-too-prof. annrc, much QRM, QSB 2-3 (Jordan); and running late 1-21, rel.talks 0304, primitive-sounding hymns. Clear non-SP ID 0349, good lvl again and still there 0405 (Cunningham). Also hrd 1217-1250 1-24, SP relig. prgms, ID 1230, TC (Wilkins-OO); full ID 1230 1-24, good sig (Bolland-FL).
- 4911 ZAMBIA Lusaka, fair w/poor mod 2-9 0410, lang.talk, fanfare, disco (Florian-IL).
- 4915 BRAZIL R. Anhanguera, Coônia, ID 0928 2-5, good till *0943 Macapá (Choroszy).
- 4915 BRAZIL R. Nac. Macapá, poor 0100 w/soccer, 1-21, presumed (Bolland-FL); light pops 0837 1-23, ID 0900, rel.prgm (Gliksmn); mx, jingles, ads 0845 1-24 (Alexander-PA).
- 4915 GHANA Accra, Afr.chants and drums at 2225 1-12, poor (Bolland-FL); tent. in EG 2521, another day 2303 in lang., ID and armt to 2304* (Moman-ALB); choral mx 2340 1-31, weak (Burke-VA); *0530 1-12, much mx, EG nx 0600 (Jordan); vry good 0532 on 1-23 (Wack-VA); poor w/Afr.mx, talk 0533 1-20 (Stidwell); tent. at 0626, 1-12 (Moman-ALB).
- 4915 KENYA Nairobi, sudden s/on *0300 on 1-6, NA, talk, mx, bad het from Brazil until 0400, nx at 0400 in the clear but weak; and on 2-9 at 0408, little better than 4934, nx to 0415, march mx, talk and hiife mx, all Swahili (Florian-IL).
- 4920 AUSTRALIA ABC-Brisbane, MoR mx 0757 on 2-8, talk, TC 0800, then nx (Stidwell); nx at 0900 on 1-15 (Moman-ALB); feature on construc.indus. 1234 1-24, good sig, and mx at 1259 1-16, TC 1300, more mx (Bolland-FL); intrvw 1255 1-17 (Choroszy); 1312 (Manning).
- 4920 ECUADOR R. Quito, medley of many songs 0135 2-8, talk by OM, IDs (Vogelman-NY).
- 4920 HONDURAS R. Progreso, SP, male annrc 0500 on 1-26, ID, mx (Sarkisian).
- 4920 INDIA AIR-Madras, definite ID in EG at 1252 2-1, under Brisbane (Pettifer).
- 4925 BRAZIL R. Dragão do Mar, Fortaleza, mx 0015 1-21, ID, bad QRM; and at 0040 on 1-4, nx and comments, PT (Bolland-FL).
- 4925 CHINA Heilongjiang PBS, Haerbin, CH singing 1158 on 1-31, M&W w/presumed nx at 1200, //5950, good sig (Bolland-FL); gal annrc 1120 1-17, local mx, fair-weak (Klein-NJ); presumed this one at 1305 1-11, //5950, strongest CH stn this AM (Gliksmn).
- 4925 ECUATORIAL GUINEA Bata, vry good w/pop mx 2155 on 1-10 (Klein-NJ); *0424 w/tribal-type IS, Afr mx, ID later, 1-11 (Valko); *0424 anthem, mx, ID, 1-15 (Wilkins-OO); *0427 on 2-9, all mx to 0506 tune out, no voice (Florian-IL); Afr and SP mx 0445 1-19, ID (Murff-NM); talk 0510 1-20 (Uerlings-OR); talk 0604 1-15, ID 0625, faded 0630 (Potorti); nx to 0635 ID 1-31 (Buer-FL). Maybe them 1-14 2054, faded badly by 2200 (Moman-ALB).
- 4934 KENYA Nairobi, presumed them, talk 0400 2-9, many ment.Afr, barely a het by 0415
- 4940 IVORY COAST Abidjan, Afr.mx 2120 1-10, good (Klein-NJ). (Florian-IL).
- 4944 VIETNAM Hanoi, beautiful stringed instrumentals 1310 1-27, cmt by gal 1315, fading fast (Florian-IL); opera mx 1315 1-19, //6450 (Sams-ARK); 4943, unid. stn por at 1406 1-11, Asian, hetting USSR-4940. Vietnam? (McGreedy-CA).
- 4945 COLOMBIA R. Colosal, Neiva, nx 0240 1-26, ID, poor sig (Dalton-NY); ID 0445 1-26, mx (Sarkisian); SP talks at 0540 on 1-11, unusually weak this night (McGreedy-CA); fair 1-6 at 0810, clear channel, nice Colombian pops (Darling-UK).
- 4946 INDONESIA RRI-Bandung, tent. them, hrd many AM's since Bandung went off 3204. Hrd 1407-1501, RRI net nx at 1500 (barely unid. Indo. on 3205.4) (Young-CA). 1 kw (JB).
- 4950 SARAWAK Kuching, fair 1411 1-15, pop mx, EG talk w/stock nx, "Now we go to Kuala Lumpur studios" (McGreedy-CA); talk from BBC at 1458 on 2-2, ID, C&W mx, rock, disco, start of EG prgm about mx, hrd to 1531 (Sharpe-CA).
- 4950 CLANDESTINE Voz de Verdade, *0333 1-27 w/no discernable NA, IS, etc., just guy talking, into PT pops, more talk 0339, ID followed. In almost every night, but never really clear or understandable (Moritz-OR); *0331 1-20, drum IS, ID in PT, light mx, talk, first time hrd but noted often since (Valko); disco 0345 on 2-5, armts, comment at 0354 (Florian-IL); 4951v, presumed 0406 2-4, PT, breezy pops but no ID (Nikolich-IL).
- 4952 UNID. Asian at 1345, maybe Xilinhot, little mx, mostly M&W talks, but DUDXS says s/off is 1330 (Dayen-MN).
- 4955 UNID. SP 1028 1-31, some western mx, flute 1100, mx seems CA, maybe Anata (Bolland-FL).

- 4956 BRAZIL R. Marajoara, Belem, dance mx and s/on IDs at *0857, 1-23, short nx rpt, then Br.mx, quick fade (Gliksman); *0859 2-7, PT ballads, ads, IDs (Alexander-PA).
- 4960 ECUADOR R. Federación, Sucúa, dramatic narrative 0220 1-26, ID and amnts 0225, mx, reverb IDs, 0301* (Jordan); EZ lstng mx 1-18 0235, IDs, Sucre about 1 1/2 kHz. higher; to 0300* (Pettifor); final amnts at 0301*, NA, nice clear sig 1-28 (Reinstein-FL).
- 4961 VENEZUELA R. Sucre, Cumana, LA mx and amnts 0323 on 2-1, many TCs and IDs. Closing amnt 0353, NA, 0356*, vy good sig. IDs as part of "la gran cadena nacional Rumbos . . . Cumana, capital del estado Sucre, republica de Venezuela, patria del libertador, puerta del turismo en la América del Sur" (Lazarus-LA); fair 2-15 with IDs, TCs, SP versions of US pops, 0333 (Jones-MS); and good on 1-17 with full ID at 1028 (Bolland-FL).
- 4965 COLOMBIA R. Santa Fe, Bogotá, polkas at 0315 1-27, SP greetings to foreign lstnrs (Connell-CA); mx, clear ID at 0700 (Kimmell-ONT); 0800 1-6, vy strong (Darling-UK).
- 4965 NAMIBIA R.SWA, pops 2148 1-10 (Klein-NJ); brief ID noted 2208 1-26 (Herkmeyer); hrd several days from 2220 to 0315+ with no sign of Santa Fe, 1-27 & 28 (Reinstein-FL); tent. 1-13 2242, vy weak (Eckman-IL); ID 2302 1-27 as "All Night Svc of R. SWA" (Lazarus-LA); pops at 0107 1-28 (Sarkisian); poor 1-15 at 0358 w/ID, Santa Fe silent (Potorti); good at 0400 1-28 (Forth-IL); tent. at 0422 1-4, pops (Moman-ALB).
- 4970 VENEZUELA R. Rumbos, Caracas, good w/LA mx, ID 0311 1-28 (Dalton-NY); ID 0400 1-28 (Sarkisian); good mx 0435, some talk, IDs (Kimmell-ONT); ID 1140 1-31, gud (Bolland-FL).
- 4972 CAMEROUN Yaounde, harps, drums, vocals 2125 1-10 (Klein-NJ); talk, upbeat FR pops at 2214 1-12, fair w/some ute QRM; and 0556 1-8 vocals, weak talk (Florian-IL).
- 4975 TADZHIK SSR RM, guess via Dushanbe, 1300-1330, assumed Pushtu (Dayen-MN).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, ID 0350 1-28, male annrc (Sarkisian); LA mx, talk, ID, 0413 1-15 (Dalton-NY); LA jazz 0430, also caught 0721*, 1-21 (Pickard); mx, TCs, ads, PSA's, full ID 1145 1-31 (Bolland-FL).
- 4984 UNIT. Member Roger Derooy-ME phoned in a rpt of a str he hrd on 2-11, weak, from arnd 2130 to 2207*. Pop mx, 6 pips and tone 2200, maybe nx, anthem 2205 to 2207 close. Also hrd 2-12, similar format but no pips. Sounds PT, but hard to be sure. I tried on 2-15 and hrd the str as well, similar format to above, tho hv RTTY on low side and USB made alot of difference. Who? (JB).
- 4990 NIGERIA Lagos, lady annrc 2135 1-10, drums (Klein-NJ).
- 4990 SOUTH AFRICA R.RSA, IS noted at *0258 under Barquisimeto, into EG, 2-2 (Rigas-IL). Unusually good sig 1-19, 0300 (Wack-VA); and "Gud Morn Afr" prgm 0412 1-4 (Moman-ALB).
- 4990 VENEZUELA R. Barquisimeto, good with LA mx, ID 0200 1-26 (Dalton-NY); local folk mx, ads, IDs 0245-0300 2-2 (Rigas-IL).
- 4995 MONGOLIA/NEPAL. Florian-IL rpts Ulan Bator at 1230 on 1-2, slow vocals, cmt 1235, unique style of mx at 1245 recheck. Krueger-FL rpts UB as vy good at 1257-1306 on 1-9, presumed Mongolian, local vocals and amnts. Biller rpts Nepal 1-25 at *1147 in Jan., booming in some days. ID at s/on, none on hr, fades arnd 1230. Sams-ARK isn't sure which it is, 1325 1-19, strange Asian mx, YL w/ID but couldn't catch. Field-MI likewise is uncertain what it was at 1245 1-9, mx, sounded like drama at 1304, faded out 1322, language did not sound oriental. My guess is that most or all of these are Nepal (JB).
- 4996 PERU R. Andina, Huancayo, OA ballads, TCs, IDs to 0428 1-29 (Reinstein-FL); lively mx, 1-15 0916 (Moman-ALB); OA mx 0940 1-29 (Wilkins-CO); powerful w/full ID 1000 1-15, yippy huaynos (Lobdell-MA); ID 0953 1-25 (Bolland-FL); rustic mx, amnts, ID 1012 (Alexander-PA); yelling till 1235 1-11, OA stringed mx, fading by 1240 but fair till then (Mercer-TX). 1230 vy late for Peru; Nepal maybe? (JB).
- 5003 ECUATORIAL GUINEA Bata, long NA 0455 1-13, ID 0458 (Florian-IL); talk 0548 1-8, ID 0558, nx 0559 (Florian-IL agn); tent. 0545-0636 1-16, no defin.ID but mentions of Bata, Rio Muni, Malabo. Nx 0600. Poor overall, WWV QRM (Hardester-CA).
- 5005 SURINAM R. Apintie, pops 0425 1-16, EG ID 0429 (Wack-VA); EZ letng mx 2-7, gud in DT (Lineback-TX); clear IDs 0430-0450 1-28 (Merkel); rel.prgm 0843 1-24 (Wilkins-CO); usual fare, pops 0955 1-15, but unusually weak (Moman-ALB).
- 5010 CAMEROUN Garoua, fair w/EG nx to 0443, ID (Csiki-IL); ID 0522 2-7 (Marker); EG nx relay 0535 1-15, mx, 0602 IS (Wilkins-CO); EG nx 0538 1-25 (Burke-VA); EG 0539 1-23 (Wack-VA); EG nx 0545-0600, fair 1-11 (Corichanas); in FR at 2130 1-10 (Klein-NJ).
- 5015 PERU R. Moyobamba, 1045 1-21, full ID, ads; fair 1-27 at 1035, flutes, QRM (Bolland-FL).
- 5015 USSR Archangelsk, 0417-0454 1-29, presumed the RR here, class.instrumentals, gal in RR, usual QRM absent (Moritz-OH).
- 5015 USSR Vladivostok carrying RM, exc 1420 1-11, talk, opera, always first in, last out
- 5020 CHINA Jiangxi PBS, Nanchang, CH gal 1245-1305 1-10, vocals (Krueger-FL). (McGreedy-CA).
- 5020 NIGER Niamey, NA *0528, amnts, Koran, choral vocals, nx 0600, fair w/ute QRM 1-14 (Florian-IL); Afro mx 0640 2-7, FR talk, sig got noisier over time (Stidwell).
- 5020 SOLOMON IS. Honiara, poor 0800 1-1 (Moman-ALB); C&W mx 1115 1-17 (Klein-NJ); fair 1-31 at 1125 (Bolland-FL); 1130* 1-18 (Levintow-DC).
- 5025 PERU R. Quillabamba, ID at 1037 s/on 2-2, hyped amnt, clas.mx, soft talk (Cunningham).
- 5027 BRAZIL R.Jornal Transamazônica, Altamira, ID 0826 1-28 (Field-MI); abrupt s/on 0800 1-7, ID, TCs (Darling-UK); ballads, much talk 1-23 at 0801, ID at 0828 (Gliksman); sev.IDs 0830 1-24 (Alexander-PA); tent.them 0806 2-8, ment.Altamira (Stidwell).
- 5030 VENEZUELA R. Reloj Continente, Caracas, pops, IDs, the usual between 0025 and 0420 (Merkel, Dalton, Moman, McGreedy, Sarkisian, Kimmell); 1036 1-21, fair (Bolland-FL).
- 5035 CENT.AFR.REP. Bangui, pops 2226 1-20, classical mx, NA to 2301* (Reinstein-FL); bouncy jazs to 2300* 1-16 (Forth-IL); gud 0454 (Eckman-IL); tent. 1-16 0503-0531 (Hardester-CA).

- 5035t KAZAKH SSR Maybe Alma Ata, RR to 1200* 1-17 (Biller).
- 5035 PERU R. Imagen, Tarapoto, ID 0646 1-20, OA vocals to 0718, occas.ID (Wilkins-CO).
- 5040 USSR RM, Yuzhno-Sakhalinsk listed, M&W in RR nx, 1400 (Dayen-MN).
- 5044.8 W. IRIAN Last month's possible Cook was indeed Jajapura. Ballads 0837, //9612 after 0900. Br. carrier 0859 (Young-CA); 5045, often strong at 1401* (Dayen-MN).
- 5045 BRAZIL R. Cult. do Para, Belém, to 0300* 1-21 (Jordan), and by several in the 0700-0830 time slot (Earhart-PA, Sarkisian, Stidwell, Darling-UK).
- 5045 PERU R. Rioja, defin.ID finally 1103 1-23, TCs, OA mx, ments.S.Martin (Forth-IL).
- 5047 TOGO Lome at 2140 1-10, long talk in FR on economy, fair, GRM (Klein-NJ).
- 5050 ECUADOR R. Jesús del Gr. Poder, Quito, *1015 1-12, NA, vy gud (Wack-VA); *1022 1-13, long NA, into rel. prgm (Jones-MS); 1050 1-18 (Field-MI); ID 1130, mx, 1-24 (Orcutt).
- 5050 TANZANIA Dar es Salaam, 0304-0321 2-5, Swahili, Afr. mx, bad GRM (Moritz-OH).
- 5055 COSTA RICA TIPC hrd by many in EG 0245-0400, then SP (Golden, Dalton, Orcutt, Krist, Alsabrook, Burke, Marano); and w/SP mailbox prgm 1220 1-24 (Neumann-AZ).
- 5055 FR. GUIANA Cayenne, also hrd by many at *0900 (Florian, Potorti, Wilkins, Wack, Glikeman, Moman); 2250-2345 (Valko); maybe then 2133-2300, 1-1/2/3, FR (Potter).
- 5057 ALBANIA Gjirokaster, gypsy mx 0400 1-27 (Golden); folk mx 0610, kids singing (Earhart).
- 5095 COLOMBIA R. Satatzena, Bogotá, 0100-0300, genly vy gud (Sarkisian, Dalton, Wack).
- 5135a UNID. 1316 1-26, echoing stringed mx, talk by YL, maybe ID 1331, opera (Florian-IL).
- 5545 W. IRIAN RRI-Biak, nx 1314 1-26, mx 1330, ID and 1400* (Field-MI).
- 5565v CLANDESTINE R. 15 de Sept., 0244 1-28 (Dalton-VA), *0300 2-4, many IDs at opening (Moritz-OH); EG & SP 0335-0346, jammed 0340 (Malko); good still 0430 (Field-MI).
- 5875 SAUDI ARABIA Riyadh, feeder 1416-1512, ME mx, talks, //21505 after 1500 check (Young-CA).
- 5882 ARGENTINA R. Rivadavia, B.A., soccer 0233 1-16 (Bolland-FL); male anncr, ID, mx at 0445 1-27 (Sarkisian). Don't recall this one on that late before (JB).
- 5886 INDONESIA RRI-Pekanbaru, natl. nx 1220 1-18, ID 1231, long talk (Murf-NM).
- 5915t UZBEK SSR Believe Tashkent, tone 0217, seems local IS (not FS) 0230, can't ID. ME mx, weak by 0300, but IS then seems reg. Tashkent. 0230 IS is with flute (Young-CA).
- 5932 VIEtNAM But not sure, 1254-1330. Lai Chau once here, no longer on 6918, 5 pips 1300
- 5945 AUSTRIA ORF, EG *0130-0157* 1-2 (Fraser-MA); EG 0330 1-12 (Bauerhuber). (Young-CA).
- 5950 CHINA Heilongjiang PBS, Haerbin, seemed nx 1200, good 1-31, //4925 (Bolland-FL).
- 5950 GUAYANA GBC, special cricket match 1-31 (Feinberg); relig. prgm 0800 1-26 (Wilkins-CO); Hindu College prgm 0813 1-25 (Purdum); movie mx 0900 1-22 (Choroszy); ID 0940 1-25 (Bolland-FL); nx, ads 1000 (Kimmell-ONT); ID 1030, fair-poor (Rapillo).
- 5950 NICARAGUA Managua SP 0000-0600 (Bolland, Jordan, Sarkisian, Moman, Tekulve, Stidwell).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, pops 0725 (Ctr'n). Kimmell, Orcutt).
- 5955 COSTA RICA R. Casino, Pto. Limon, SP mx 1045, strong but het 2-5 (Choroszy).
- 5965 BRAZIL R. Guabira, Porto Alegre, ID 2343 1-4, pips 2345, clas. mx, amts (Moman-ALB).
- 5965 NIIGERIA Jos, natl. nx 0605 1-24, rel. prgm 0616, 0625 fade out (Wilkins-CO).
- 5980 SIBERIA LEONE Freetown, obits 0715 1-24, various messages (Wilkins-CO).
- 5980 SOUTH AFRICA R. RSA, EG 0305-0315 1-11, ID 0310, cmtry, jazz, //4990, 7270 (Hood-MAN).
- 5980 TAIWAN Voice of Asia, Kaohsiung, EG talk by gal 1128 1-27, poor and diff. to read, CC mx, address twice, into another lang. 1200 (Lobdell-MA). Unid., seemed CH, talk, not too oriental mx ended 1400, 1401 pop mx, poor 2-8 (Rapillo-NY). Sounds like em (JB).
- 5985 BURMA Rangoon, local mx to 1430 EG ID 1-26, EG lesson to 1440 fade (Wilkins-CO).
- 5985 USA V. of Free China relay over WYFR rptd by just abt everyone, various times 0130-0400 (Moman, Buer, Jordan, Cunningham, Krist, Rigas, Valko, Fitzpatrick-MA, Hensley, Marano, Wallace-MA, Byron-NY, Wilkins, Burke, Wack). Counts as USA, match, not Taiwan (JB).
- 5985 MEXICO R. Mexico, drama 2325 1-20, blocked by WYFR carrier 2357 (Buer-FL).
- 5995 AUSTRALIA RA, cultural comments 1347 1-11, local & pop mx, tempes, etc. (Hensley).
- 5995t MALI Bamako, poor 1-13 but //4783 & 4838, so must be them (Moman-ALB).
- 5995 USA VOA-Greenville, EG 0030-0100 1-9, "Press Conf. USA" (Strauss).
- 6000 BRAZIL R. Inconfidencia, Belo Horizonte, ID and fqs 0000 1-5, fair sig (Moman-ALB); fair 0026 1-3, PT with pop mx, few IDs, soft voiced anncr (McGreedy-CA).
- 6005 ADEN Aden, man anncr 0305 1-10, ME upbeat mx, ID 0330, mil. mx, nx, good (Forth-IL); 0310 1-18 (Nikolich); 0411, but Reloj genly better; also 2100-2300 (Valko). Alas, not
- 6005 ASCENSION IS. BBC, end of w/C. Afr. prgm 0545* 1-10, fair (Orcutt). Zanzibar (JB).
- 6005 CANADA CFCX-Montreal, phone-in 1730 1-14 (Dalton-NY); pops 2000 1-31, exc (Merkel).
- 6010 BELGIUM BRT, RT 0750 1-15 with IS, s/on anncr, nx at 0800, good sig (Alexander-PA).
- 6015 PORTUGAL RCI via Sines relay, 0344* w/RR, FR, EG ID, IS, then BBC in RR, 1-27 (Buer-FL).
- 6015 RHODES VOA relay, EG nx 2145 1-9, fair sig, 2200* (D'Angelo-PA).
- 6020 PERU R. Victoria, Lima, 1055 with ID, Beethoven's 5th, NA, flute mx, ID and nx 1100, fair sig on 1-24 (Forth-IL).
- 6025 BOLIVIA R. Illimani, La Paz, mx till 2331, ID, fqs., mentions of La Paz, "La Voz de Bolivia" (Cielki-IL); local mx 0040 2-6, ID 0100, DJ then, fair-good (Alexander-PA).
- 6025 PORTUGAL Lisbon, 2305 1-24 in PT with futbol, clear, nice lvl (Herkimer).
- 6025 UZBEK SSR Tashkent, EG nx 1200 1-22, cmtry, talk on weddings, poor overall (Zilmer).
- 6030 NORWAY Oslo, EG ID 2355 on this NF, good 1-19 (Buer-FL); to 0030* 1-13 (Pettifor).
- 6030 USA AFRTS, Super Bowl promo 0211 1-25, PSAs, nx, exc sig (Krist).
- 6030 W. GERMANY SDR, Mülhacker, variety mx 0741 1-27, K-Tel ad, nx 0800, fair-good (Forth-IL).
- 6035 COLOMBIA R. Transamazonica, S. Jose del Guaviare, ID, fqs., etc. at *1016 1-25, HJ anthem, vocals w/TCs between, mentions of CARACOL. Het, poor modulation (Lobdell-MA).
- 6040 HUNGARY Budapest 0800-0810 in Greek, mx, ltrs acknowledged, fair 1-9, //9835 (Rigas-IL).

- 6040 USA VOA, EG talk on 18th Amendment, 0315 1-15 (Shortridge-IN).
- 6045 AUSTRALIA RA, 1314 1-24 with ID, feature on Aussie economy (Bolland-FL).
- 6045 BRAZIL R.Cl.Paranaense, Curitiba, local mx 2356 1-11, IDs, poor (Potorti).
- 6050 NIGERIA Ibadan, natl.nx 0604 1-24, analysis relig.svc in Kikala 0621 (Wilkins-CO); 2-2, cmtry on human rights 0622, pips, IDs 0625, 0630, more talk (Jordan).
- 6055 JAPAN NSB-Tokyo, JP conversation 1321, fair 1-24 (Bolland-FL).
- 6055 KUWAIT Kuwait, AR mx 2037, talk by man, //9880, 9840, 15495. Ticks 2100, QRMd. Het till 2101, presumably from Rwanda (Valko). Maybe-6055 is a mess (JB).
- 6060 ARGENTINA R.Nacl, B.A., talks 0535 1-23 (Jordan); local mx 0800 1-16, nx, ID (Alexander-PA).
- 6060 AUSTRALIA RA, EG relig.prgm 1328 1-30, tourist nx (Krist); *1329, good 1-24 (Bolland-FL); more EG prgms 1345-1400 1-27, fair sig (Manning).
- 6065 BRAZIL R.Nacl, Brasilia, M&W talking 2245 1-14, upbeat pops (Pettifor).
- 6065 COLOMBIA R. Super, Bogotá, LA mx, pops, ads 0810 12-30 (Castrillon).
- 6070 CANADA CFRX-Toronto, poor 0844 w/interview (Rapillo); nx, traffic, ads, King Cole 1-16 1340-1408 (Purdum); pops 1715 1-25, ID, periodic deep fades (Mayer-OR).
- 6078 COSTA RICA R. Rumbo, Cartago, ranchera mx 1045 1-23, ads, IDs, ment.of C.R.(Alexander-PA).
- 6080 AUSTRALIA RA, EG ID, nx, 1800, noon local time! (Dayen-MN).
- 6080 CANADA CKFX-Vancouver, C&W mx 0640, "Super Cntry CKWX" IDs, comms., nr 1-24 (Gavaras-MN); tent. 1-19, 0150-0200, Pacific wx, hi fades, KOed by DW-6085 *0200(Hardest).
- 6080 E. GERMANY RBI, EG 0715 1-9, poor w/VOA QRM, good frm 0730(Alexander-PA).
- 6085 COLOMBIA Ondas del Darién, Turbo, local pops 1025 1-23, ID 1032, fags, TCs (Alexander-PA); ID 1104, kids, F-G 1-9 (Forth-IL); tent. 1052 1-9, kids choir, possible ID 1105 (Gliksmn). Sounds same as Forth's (JB).
- 6085 W. GERMANY BR, Munich, GM folk mx 0740 1-10, ID and nx 0800, good sig (Forth-IL).
- 6090 LUXEMBOURG R. Lux, EG pops, ads, 0000 1-21 (Burke-VA); DW QRM till 0150 (Valko).
- 6095 ECUADOR HCJB, DXPL prgm 0630 1-12, vy good sig (Moman-ALB).
- 6095 POLAND Warsaw, fair w/genl.svc in Polish 0130-0145 1-22, //6135, 7145, 9525 (Levintow-DC).
- 6100 PORTUGAL Lisbon, NF, EG 0300-0330, PT from 0400 (Reid-ONT, Rigas, Buer, Pettifor).
- 6100 VENEZUELA YVTO, time stn, pips, armts, 0600 1-24 (Schoone-Jongen), 1146 1-14(Krist-VA).
- 6106 BOLIVIA R. Panamericana, La Paz, *1028, opening amnt, "Bolivia Presents" prgm, strong but fade out by 1119 (Forth-IL, Wilkins-CO).
- 6115 COLOMBIA LV del Llano, Villavicencio, rapid paced pops format 0525 1-26, IDs, echoes, slogans (Jordan); ID 0555 1-31 (Sarkisian); exc 0808 1-5, slight het (Darling-UK).
- 6115 PERU R. Union, Lima, 0948 1-13, over Llano, unusual (Jones-MS).
- 6120 ARGENTINA R. El Mundo, B.A., ID 0905 1-31, TC, Andean mx w/guitars (Alexander-PA).
- 6120 NICARAGUA R. Zinica, Bluefields, super 1-5 w/weird sound effects 1202, revol.prgmng much like LV de Nicaragua (Florian-IL).
- 6120 ENGLAND BBC, nx 0200, Network UK, prgm on Ireland, 1-6 (Updegraff).
- 6126 COLOMBIA R. Super, Cali, LA mx, IDs 0740 1-24, bad het at 0749 (Alexander-PA).
- 6130 CANADA CHNX-Halifax, DJ prgm 0540 1-25, wx, fair and steady (Valko); pops 1250 1-10, QRMd from 1254 (Rapillo) + ads, PSAs, 2125, Canadian nx 2130, 2-4 (Pettifor).
- 6135 LIBERIA ELWA, IS *0830 1-16, EG armts, Afr.Bible College (Alexander-PA).
- 6135 POLAND Warsaw, in the clear in Polish 1-22 till clobbered by SRI *0140 (Levintow-DC).
- 6145 INDIA AIR, *1430 in EG, IS, pips, sports nx, F-G, //9950, 10355 (worse)(Dayen-MN).
- 6145 W. GERMANY DW, from PT to SP at 2300 1-14, orchestra version of their IS (Pettifor).
- 6150 CHILE R.Nacl, Santiago, violent political speech 0224 1-31, ID and net rundown 0230, //15150 (Krueger-FL); ID 1032 1-27, nx, TCs, plugs for Banco del Estado (Jones-MS).
- 6150 COLOMBIA LV del Huila, Neiva, 0400-0930 (Connell,Moman,Sarkisian,Castrillon,Choroszy).
- 6155 INDIA AIR, vy weak IS and s/on armts under Bucharest, *0128 1-29 (Florian-IL).
- 6155 JAPAN FEN-Tokyo, pops 1630 1-19, fair, ID 1700, local QRM at 1650 (Witte-CA).
- 6155 SWAZILAND SCR, Afr. mx 0256 1-14, ID, TC, under Bucharest (Florian-IL); pops 0323 1-16, ID as R.SR, poor (Gavaras-MN); rock 0333 1-13, TC, cigarette ads (Sama-ARK).
- 6155 URUGUAY R. Carve, Montevideo, SP mx and armts 0215 2-1, lady anncr (Sarkisian).
- 6155 USA WRNO Worldwide, New Orleans, 1803 on 1-23 w/test xman, inviting rpt, giving phone number as 504/889-2424. Sig went off in middle of tests (Lazarus-LA). They seem to have begun "regular" programming now, if you can call it that; rock mx, canned PSAs for ARRL, IRS, a horrible talk show recorded in LA before New Years, a religious prgm; no DJ as such. Hopefully this is not all there is going to be. Anong that 6155 is 0200-0700; have hrd it, strong, from 0200, but not there at one 0500 tune by. (JB).
- 6160 CANADA CKZU-Vancouver, wx 0123 1-21, ads, mx, local nx, fair (Zilmer).
- 6160 CANADA CKZN-St. John's, nx to 1105, TC, wx, sports, interviews, fair w/QRM(Rapillo).
- 6160 COLOMBIA Em. Nueva Granada, Bogotá, IDs 0628 1-13, bank ads, LA ballads, fair (Moman-ALB); ID 0700 1-31, mx, male anncr (Sarkisian).
- 6165 ITALY RAI, *0329 in RR behind RN, bird IS, barely hrd, 1-27 (Buer-FL).
- 6165 MEXICO LV de la América Latina, noted 1-27 for abt 20 secs. 0325, defin.ID between RN's BE & SP prgm; fair (Buer-FL); XEW call 1145 1-27, TC, talk, Asian QRM (Jones-MS).
- 6165 PONATRE RN, EG 0238 2-7, good repn (Krist-VA).
- 6175 ANTIGUA BBC, soccer 0240 2-7, sports nx, good sig (Krist-VA).
- 6180 VENEZUELA R. Turismo, Valera, LA mx 1015 1-23 (Alex-PA); ID 1146 1-29, mx (Jordan).
- 6190 VATICAN VR, EG 0545 1-10, rel.talk, into SP at 0600 (Hensley).
- 6190 VENEZUELA Ecos del Torbes, San Cristóbal, 1100 1-15, ID, //4980 (Alexander-PA).
- 6195 NIGERIA Sokoto, talks 0635, no ID hrd, 2-2 (Jordan). Adieu for this month. 73-

log report section **C**

6200-11699

PETER SCHIPELLITI

31 BEAVERBROOK ROAD BURLINGTON, MASS. 01803 617 272-3142

- 6209 **VATICAN** Radio Vatican; 0720 EG, Mx by OM. Into SP @ 0730. Carrier seemed to be a little unstable. (Alexander 1/23)(Lucas 1/10)
- 6215T **LEBANON** King of Hope; 0519 EG, Light pops ("Without You" and "Wichita Lineman"), male anncr but to weak a signal to understand, more pops. (Gliksmen 1/13)(Forth 1/10)(Valko 1/8)(Sams 1/12)(Burke 1/25)(Jordan 1/9)(Florian 1/14)
- 6230T **AFGHANISTAN** RA; 1130-1230 often in Jan, an Islamic lang. Asian here, but too weak to ID, and no //afghan's found. (Krueger) WRTH'82 list xmtr as 50 Kw. ps.
- 6240 **IRELAND** South Dublin Radio; 0615-0800* Usual pop pgs; EG Ids, TCs, request for reports, etc. Good. (Lobdell 1/17)(Florian 1/17)(Forth 1/17)(Sarkison 1/17)(Valko 1/13)(Wallace 1/10)
- 6250 **ECUATORIAL GUINEA** R. Malabo; 2150 SP w/ lively Mx, anncmts & s/off at 2159, anthem to 2204* fair (Forth 1/10)(Valko 1/20); 0530 (Field 1/31)
- 6274 **AZAD KASHMIR** AKR; 1218-1226 clear and good w/ Koranic M unaccompanied poetry, M ID. (Krueger 1/10)
- 6280T **IRELAND** Westside Radio; 0710-0803 EG, heavy-electric rock Mx, anncmts by OM, Signal weak w/ lots of ute QRM; no ID noted, almost unlistenable; Gone after 0803. (Lobdell 1/17)
- 6295 **PERU** Radio Chota; 0228-0403* noted a number of times lately in this general time period, sometimes w/ campo stuff, sometimes with ballads, pops, etc. ID anthem, etc. With good signals especially on 1/15, (Moritz)(Herklimer 1/31)(Alexander 1/30)
- 6340 **TURKEY** Turkish Police Radio; *0455-0518 TK, IS, Turkish Mx & anncmts. Very poor. (Gavaras 1/10)(Field 1/17)(Jordan 1/9)(Cunningham 1/9)(Gliksmen 1/13)(Eckman 1/13)(Sams 1/13)(Forth 1/10)
- 6348 **UNID:1315-1330*** ? lang, light instrumental SEA Mx, no talking at all, just signed off after last piece @ 1330 (Pettifor 2/5)
- 6450 **VIETNAM** Hanoi; 1457 VV, YI w/ tlks & singing. Mentions of Vietnam. (Grenier 2/6) Any ID heard Pete? ps.
- 6528v **VIETNAM** R. Cao Bang; *1159-1343 still suspect Cao Bang, but tape just doesn't reveal ID clearly. Strange Mx. VV tlks & anncmts (Young)
- 6550 **LEBANON** Voice of Lebanon; AR, 0407-0447, s/on w/ whistled tune, tlk by YI and pgs of mid east and some pop style mx w/ occas. ID's. (Valko 1/25)(Forth 1/10)(Potter 1/9)
- 6588T **LAOS** R. Pakse; *1000-1353 Am sure this is a Laotian. No ID heard, not VV sounding. usually strong carrier but weak mod, just as observed on 6603 in recent months. Mostly singing, tlks & always QRM de RP at 1330(6590 KHz.) make s/off anncmts impossible to copy at 1400. (Young)
- 6603.1 **VIETNAM** R. Hoang Lien Son; 1333-1346 VV tlks, flute mx, singing, //5400.3. Not heard next AM. (Young)
- 6808 **SAUDI ARABIA** BSKSA; AR, 2235-2300* AR Mx, Koran till 2300, tlk, ID, short NA then off. Very Good (Valco 1/26)
- 6894A **CLANDESTINE** R. Venceremos; 0151-0203* down here with usual tlk. ID at 0153, heated tlk by M w/ mentions of revolucionario, etc. Mx from 0155, very impassioned singing. OC from 0201 to plug. (Moritz 2/4)
- 6900 **CLANDESTINE** R. Farabundo Marti; *1100-1147 SP, IS of gentle classical Mx, then patriotic-sounding ballad by M w/ IDs by M over the song. Into pgs of rhetoric ("noticias") by M&W, patriotic singing, and some local-ish folk mx. Frequent IDs as "R. Farabundo Marti, FMLN" & variations on this theme. Frequent mentions of El Salvador & other CAm countries, & tlks about "la junta militarista." Several no-doubt nasty comments about the US, too. All at excellent signal level, but modulation varied rather wildly from overmod & distorted to barely audible. Intermittent QRM from some 3Sber added to the fun. Overall, sounds a lot like "good ole" R. Venceremos. (Cunningham 2/2)(Marker 2/2)
- 6900 **TURKEY** Turkish Meteorological Service; 0441-0537; AR type Mx w/ screaming vocals by W. Ute QRM, 6340 also ute hampered. Fair (Valko 1/25)(Sams 1/13)(Forth 1/10)
- 6905 **CLANDESTINE** R. Venceremos; 0058 SP, Tlk by M anncr, march vocal Mx, then ID by YI and more march Mx. (Valko 1/21)(Alexander 1/31)(Jordan 2/2)(Csiki 1/11)(Florian 1/5)(Marker 2/7)(Erst 1/31)
- 6909.5 **CLANDESTINE** R. Pararundo Marti; 0128-0145 sounding like the old FMing Venceremos xmtr (which was on 6906 the same time), SP M attacks on Reagan, rancheras, IDs--- professionally produced and weaker than Venceremos. (Krueger 2/1)
- 6995 **CHINA** R. Peking; 1553 CH, Tlks by YI & Mx. (Grenier 1/31)

- 7010 **PAKISTAN** Radio Pakistan; 0210-0215* Lang7, sub-cont song to 0213; s/off w/ ID @ 0213-0214; choral anthem to 0215*; fair-good. (Buer 1/19)(Alexander 1/24)(Florian 2/4)(Mercer 2/8)
- 7073.2 **PAKISTAN** Radio Pakistan; 1503-1517 In language, IS, and EG ID as "Radio Pakistan" at 1515, back into language. Conversation with M voices, //5095 Khz. (Young)
- 7075 **ALBANIA** Radio Tirana; *2058-2105 FR, trumpet IS, ID & Mx. Tlk (Buer 1/8)
- 7105 **INDIA AIR**; 0515 Hindi, Quran prayer, OM anncmts, under BBC. (Witte 1/19)
- 7120 **ALBANIA** Radio Tirana; *0230 EG, ID by Y1, Nx, Review of Press, Economics. (Krist 1/30)(Hensley 1/17)(Burke 1/26)
- 7135 **ROMANIA** R. Bucharest; 2105-2110+ EG, Nx to 2108 ID, Cmtry to 2110 tune out. (Buer 1/8)
- 7150 **UKRAINE SSR** R. Kiev; *0030-0058* EG, Nx, report on Soviet-Polish meeting, interview with an author, "Dx Club" QRM from Moscow. (Krist 1/14) 29)
- 7170 **NEW CALEDONIA** R. Noumea; 0745 FR, Mx, male anncr, ID. (Sarkisian 1/31)(Wilkins 1/22)
- 7225 **TUNISIA RPTV**; 0600 AR, AR Mx, OM anncr, slurred ID. Good (Robertson 1/11)
- 7260 **AUSTRALIA** R. Australia; 1200 Indo, ments of various broadcasting stations, including Burma, others. (Neumann 1/24)
- 7265 **WEST GERMANY** Sudwestfunk; 0700 GM, Nx, anncmts. Fair. (Robertson 1/14)
- 7295 **SMAZIAND** Trans World Radio; *0400-0415 GM, IS, EG IDs, religious pgms w/ hymns & tks. Poor (Hood 1/11)(Briscoe 1/23)
- 7345 **CZECHOSLOVAKIA** R. Prague; *0100-0157* EG, Nx & Cmtry, Mx "Youth Magazine." (Fraser 1/6)(Bauernhuber 1/20)
- 7384.2T **KAM** R. Phnom Penh; *1100-1400* Usually covered by utes recently, strong w/ mx, singing etc. Last month's Laos logging was incorrect. (Young)
- 7440 **USSR** R. Moscow-Kenga; 2124-2132 EG, M & Y anncrs. Tlks on Israel/PLO & Terrorism. NS ID, "News & Theater" w/ review of Shakespear's "Much Ado About Nothing". (Hardester 1/18)
- 7550 **SOUTH KOREA** R. Korea; 1632 EG, Tlk abt Reagans relations with ROK. (Grenier 1/17)(Sams 1/21)
- 9022 **IRAN VOIRI**; 2045 lang, Y1 anncr, OM anncr. (Strauss 1/16)(Stidwell 1/27)(Kimmell 1/7)(Robertson 1/16)(Jordan 1/7)
- 9410 **GREAT BRITAIN** BBC; 0330 EG, "Discovery" (Bauernhuber 1/12)(Strauss 1/16)
- 9475 **EGYPT** R. Cairo; 2200-2330 AR, Mid-east vocal tunes w/ anncmts by M & Y, brief IDs @ 2226 and 2327; bells, ID, into Nx @ 2330. Good also //9850 Fair w/ low mod. (Hoodman 1/17)(Wilkins 1/24)
- 9480 **ALBANIA** R. Tirana; 1644 EG, Cmtry, Mx. Poor. (Potorti 1/23) 1/23)
- 9485 **PERU** R. Tacna; SP1049-1103 ID, Andean Mx, then into rock Mx pgm at 1102. (Gliksmn)
- 9495 **MONACO TMR**; 0750-0809 EG, "Back to the Bible" ID @ 0800 into "Christian Brotherhood Hour" (Purdum 1/25)(Wack 1/12)
- 9505 **JAPAN** Radio Japan; 1400-1415 EG, Nx, Cmtry, (Pickard 2/5)(Tekulve 1/25)
- 9510 **PERU** R. America; 1009 SP, Continuous light rock Mx, //6010, full ID "Radio America ...Kilohertz..." at 1032, into nx sponsored by "banco de Lima" (Gliksmn 1/9)
- 9515 **GREECE** Voice of Greece; *0129-0140* EG, Nx, beamed to NAM. (Krist 1/30)(Jordan 1/21)
- 9515 **MALTA IERRA**; 2035-2115*, EG, rel tlks w/ songs by Debbie Boone. ID & asked for rpts. Mentioned QSL Card. (Valko 1/19)(Connell 1/10)(Burke 1/14)(Buer 1/8)
- 9515NF **FRANCE RFI**; *0356-0405 FR, Trumpet IS to 0400; Nx followed to 0405 tune out. (Buer 1/31)
- 9515 **LESOTHO** BBC Relay; 0358-0428 EG, ID, IS, Poor signal. This day stronger than 9510. (Lucas 1/10)
- 9525 **POLAND** R. Polonia; *0058 Polish, IS, s/on by Y1, into Nx by OM. (Florian 2/3)1/14)
- 9535 **GREECE** Voice of Greece; 0415-450* GK, GK Mx & ID, Sports & Nx, //9655 Poor. (Rigas)
- 9535 **ANGOLA** R. Nacional; 1930, PT, Pops & strings. Tentative EG id at 1930 by OM. Then more tlks in PT, (Nikolich 1/27)(Sams 1/21)(Murff 1/19); *0355 PT (Florian 1/23)
- 9545 **ANTIGUA DW** Relay; 0515 EG, Comments Nx, unemployment figures in Germany. Noodle eating contest. (Shortridge 1/19)
- 9545 **SOLOMAN ISLANDS SIBC**; 0701 EG, Pop & Island Mx by request. 0708 TC. (Wilkins 1/17)
- 9553 **EL SALVADOR** R. Nacional; 1215-1235 SP, tlks by OM, many atencions, etc. Frequent ID; fair. (Lobdell 1/27)(Wack 1/13)(Sarkisian 2/1)(Jordan 1/27)
- 9560 **TURKEY** Voice of Turkey; 2200 EG, Nx, "Letterbox", oldies but goodies. (Bauernhuber 1/13)(Pickard 1/19)(Mayer 1/15)
- 9560 **ETHIOPIA** VoRE; 1952, very noisy reception w/ tlks by OM/ Y1, flute IS, NA, 5 time pipe at 2000:03*, 2/6. They seem to use different flute IS's at different times. 0400 on 7110 is different than the EG xmsn at 1500 on 9560. This one sounded like a variant of the 1500 xmsn. weird. (Nikolich 2/6); 1430 w/ ID (Billier 1/27)
- 9575 **PORTUGAL** R. Portugal; 0540-0602* EG, noted ending the Nx. ID & sked of events. Vocal tunes, ID & anthem at 0602*. Fair (Hood 1/24)
- 9580 **AUSTRALIA** R. Australia; 1100 EG, Nx, sports, Special Australia Day pgm. Reception was very good. (Krist 1/26)
- 9590 **NETHERLAND ANTILLES** R. Nederland Relay-Bonaire; 0240-0325 EG, Newsline & Media Network. (Wanning 2/5)
- 9590 **NORWAY** R. Norway; 1359-1412 EG, ID by OM and Y1. Mx, Norway Nx. (Hensley 1/31)

- 9590NF UNITED ARAB EMIRATES UAE Radio; 0310-0325+ AR, ME song to 0315, time pips; tlk by OM w/ Def. ID at 0322 & 0325 behind R. Nederland Bonaire but in clear after 0320. (Buer 1/11)(Reid 1/13)(Wack 1/20)
- 9600 UZBEK SSR R. Tashkent; 1h03-1h15 EG, Nx, ID & Cntry. Mx & highlights of a speech. (Manning 1/27) Beamed to South Asia. ps.
- 9605 VATICAN Radio Vatican; 0100-0115 EG, w/ tlk to David Palmer - week of prayer in Rome. (Shortridge 1/19)
- 9610 AUSTRALIA ABC-Manneroo; 12h5-1305 EG, OM anncr/DJ host w/ local folk Mx. Discussion of Aborigines' History & Culture. (Jordan 1/21)(Wack 1/9)
- 9615 TURKEY Voice of Turkey; 2030 EG, ID by YI w/ mention of pgms. Nx main points. (Valko 1/19)(Krist 1/23)(Wack 1/17)
- 9620 EAST GERMANY Radio Berlin Int'l; 2153-2200 EG, Sports pgm on track & boxing. Pop Mx. Id by YI. To Europe. Fair signal. (Valko 1/19)(Burke 1/14)
- 9620A MOZAMBIQUE R. Mozambique; 1618 PT, Tlk by OM & child, Mx, YI w/ anmts. (Potorti 1/15)(Sams 1/21)
- 9620 YUGOSLAVIA R. Yugoslavia; *2215-2230 EG, Here after sign/off RBI YI w/ ID & Nx. (Murff 1/18)(Burke 1/14)
- 9630 SPAIN SFR; 0100-0200 EG, pop Mx, Art & Nx, "Tourist Guide" (Bauernhuber 1/20) (Hoffmann 1/23)
- 9645 JAPAN Radio Japan; 1600 EG, NA, Nx, ID, (Wack 1/9)
- 9654V UNID : 1925 EG, This one really has me puzzled. OM/YI in EG w/nx about Africa, Uganda, Morocco, and the Mid East...1930... "And that's the end of our English Nx.." into lang?, No ID whatsoever. Their accents were definitely African-sounding for the English. Any help? 332 2/6 (Nikolich)
- 9665 AFGHANISTAN R. Afghanistan; 1900 EG, s/on to Europe, anncd 15077, 9665 & 7250 (?). Nx, Cntry, Pop Mx in EG, History Pgm. (Florian 1/6)(Sams 1/19)(Marano 1/22)
- 9670 PORTUGAL AMR-Sines; EG 0930 w/ DX pgm, rel tlk to 1000. Fair. (Forth 1/31)
- 9675 PERU Radio del Pacifico-Lima, *1105-1135 S/on during ID in SP (just managed to catch the FM freq. anncmt.) by OM. Instr. Mx, ID by OM @ 1107 "del Pacifico presenta la hora de levantamiento." (not quite sure about that last word), Children's choir Mx, byans, co-channel w/ NHR; Fair (Lobdell 1/25)(Gliksman 1/23)
- 9690 ROMANIA R. Bucharest; 2115 EG, Tlk on Nuclear Disarmament (Mayer 2/6)
- 9690 ARGENTINA RAE; 0100 EG, Nx, Wx, freq, time & lang sked. Editorial comment. (Zilmer 1/20)(Cunningham 1/5)(Murff 1/20)
- 9695 SWEDEN Sweden; 0230-0300 EG, Nx, "Weekday Feature", "Sweden Calling DX'ers" (Sharpe 1/20)(Krist 1/25) 1/22
- 9700 JAPAN Radio Japan; 1200 EG, Nx & Cntry. Beamed to Europe. //9505, 11815 (Zilmer 1/22)
- 9700 BULGARIA R. Sofia; *2230-2330* EG, "Life in Bulgaria" - children's matinee, "Cultural Outlook", "Answering Your Letters" (Fraser 1/26)(Updegraff 1/30)
- 9720 SRI LANKA SLEB; 1650 EG, Preaching & Hymns, ID at 1700 (Sams 1/21)(Manning 1/28) (Krist 1/30)(Witte 1/26)
- 9725 SWITZERLAND SRI; *0114-0214* EG, "Dateline", Nx Comment on Haig's Mid East Trip. Medical care and problems at a match factory. (Krist 1/15)
- 9730 EAST GERMANY Radio Berlin Int'l; *0059 EG, Nx, comment on Nato interference in Poland. (Krist 1/15)
- 9735 WEST GERMANY DW; 1500 EG, Nx, Cntry, press review. //11965, 15135, 21600 KHz. (Zilmer 1/29)
- 9755 EGYPT R. Cairo; 2015-2035 AR, (see my Unid Aug Log Report), Koran pgm, recitations, accents w/ ID by OM at 2030; tlk followed; Fair to good w/ adj splatter. (Buer 1/8)
- 9770 AUSTRIA ORF; *0129 EG, Nx, skiing, pop Mx in Eastern Austria. (Krist 1/30) (Purdum 1/17)(Reid 1/17)
- 9780 YEMEN Radio Sana; 2054-2104 AR, Tlk w/ some pop Mx, AR Mx, Full ID mentioning SANA @ 2100. (Wack 1/26)
- 9805 EGYPT R. Cairo; 21h3-2211 EG, Comment on Sec. Haig's travels and Cairo Magazine. (Pickard 1/19)(Fraser 1/11)
- 9815 ISRAEL Kol Yisrael; 0100-0130 EG, Nx, Israeli technology. (Mayer 1/16)(Valko 1/19) (Bonnet 1/28)
- 9835 HUNGARY R. Budapest; *0200-0230* EG, Nx, Cntry, "What you say" (Fraser 1/29)(1/17) (Bauernhuber 1/12)(Florian 1/27)(Krist 1/17); 0710 GK (Rigas 1/9); 0730 TK (Wilkins 1/8)
- 9865 GREECE Voice of Greece; 0123-0139 EG, ID, beamed to NA, Nx to 0139 then into GK, Nx, tlk, freqs. (Zilmer 1/27)(Gorichans 1/27)(Jordan 1/10)(Florian 1/5)(Rigas 1/17)
- 9870 BELGIUM BRT; 0100 EG, Frans Vossen tlks of "Wonderful World of Shortwave" (Byron 1/17)(Burke 1/15)(Krist 2/3)
- 9870 PAKISTAN Radio Pakistan; 1700 EG, ID, Nx, //11670 which was covered by ute. QRN. (Zilmer 1/23)(Tentative Pettifer 1/13)
- 9977 NORTH KOREA Radio Pyongyang; 1300 EG, s/on w/ Nx (Manning 1/28)(Burke 1/15)
- 10080 VIETNAM Voice of Vietnam; 1335 EG, Nx & ID; Cntry & Mx. (Manning 1/27) 1/8
- 11600 CHINA Radio Peking; 1343 EG, Cntry on post cultural Revolution success (Florian 1/15)
- 11640 ISRAEL Kol Yisrael; *0000-0030* EG, Nx, "Calling All Listeners", //9815, 15205 KHz. (Fraser 1/4)(Mayer 1/16)(Krist 1/25)(Shortridge 1/18)

Only loggings heard between Feb 5 and Mid March will be used for April IR-CI

Thanks
8-7-35
Bater

log report section

11700 TO 17699

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STEVEN WISEBLOOD

- 11700 DOMINICAN REPUBLIC R. Clarin: 2250-0311 slow Lam ballads, ID's w/reverb, "Cuba Independientes" pgm 0100-0130 w/trumpet IS(Pietraszek, Purdum)
- 11705 EUROPEAN RFSFR Serpukhov : 2345 SP tlk & ID's. Xlnt (Lopez-PR 2/5).
- 11705 SWEDEN RSI: 2300-2322 EG "Mailbag" pgm w/M&W ancrs. F(Bolland, Lopez-PR) 0235-0258 EG "Saturday Show", nx, Skiing in Sweden. F(Tekulve, Updegraff)
- 11710 ARGENTINA RA: 2330 SP tlk, ID's. F(Lopez-PR 2/5). 0059-0130 fqy sked, EG Domestic nx, Extensive wx forecast, sports, cmntry. G(5 reporters)
- 11715 SWITZERLAND SRI: 0230 Poor w/SP tlk & ID. Cochannel QRM(Lopez-PR).
- 11715 PHILIPPINES VOA-relay: 1125 "Psychology of Computers" pgm. G(D'Angelo).
- 11720 BULGARIA Sofia: 0215 EG tlk, cmntry, ID. P w/cochannel QRM(Lopez-PR)
- 11730 GREECE VoG: 0225 GK tlk, F(Lopez-PR). 0345 W w/nx in EG, into GK @ 0350. G(Moman 1/13). 1539 EG fqy sked, nx to 1549, GK S/off anmts to 1551., G //2160, 17560 (Zilmer, 1/23).
- 11730 PORTUGAL R. Renascenca: *2328 IS, ID's by M in PT, S/on anmts, fqys, sked, pgm beamed to Brasill! G (Lobdell, D'Angelo, Bolland, Lopez-PR).
- 11730 ASIATIC RFSFR RM via Irkutsk: 1310-1400 CH tlk/cmnty, IS, ID (Bolland)
- 11735 BULGARIA R. Sofia: 2020 FR nx by W, M ancr, lcl folk mx(Schoone-Jongen)
- 11735 YUGOSLAVIA RY: 0000 SP nx to Sam, F w/cochannel QRM (Lopez-PR 1/23).
- 11740 USA VoFC relay (WYFR/FL): 0200-0230 WYFR ID @ 0200, into VoFC nx by M in EG, CH folk/instr mx, "Journey into Chinese Culture" @ 0230, WYFR Engr said this was part of a time exchange w/VoFC(Rigas, Buer, Florian).
- 11745 EUROPEAN RFSFR Armavir R. Magallanes(Clandestine)-relay: Good @ 0215 w/M in SP, nx, cmntry (Lopez-PR 1/22). This, however, is an official "Clandestine" supported by the Communists -ye ed
- 11745 TAIWAN VoFC: *2250-2315 radio drama pgm apparently in Mandarin(Pickard)
- 11750 SOUTH AFRICA Capital R.: 0433-0505 EG pop/rock mx, M ancr in EG, ads, sports, Surfing rpt, TC's, Call-in request number(Sarkisian, Grenier, Murff)
- 11755 UAE Dubai: 0324-0400* EG nx by W, ID in AR/EG, fqys, beams, time* Murff given in GMT plus 4min, //9590, 11940. This fqy was best(Valko, Burke, Lopez)
- 11755 GABON Afr#1: 1956-2245 Pop nx/disco/new wave, FR anmts & TC by M, IDs, Top 10 in Gabon(Connell-CA, Manning, Lopez-PR). *0500-0515 FR s/on w/ singing ID, FR anmts, fqys, TC's, sked, Afro/FR pop mx. F(Hood-MAN 1/24)
- 11767 BANGLADESH RB: 1625-1645 Subcontinental vocals, Hindi anmts, S/off anmts by W to 1631*. OC to 1645 & into AR pgm (Florian 1/3).
- 11770 MEXICO XERM-X Mex: 0215 SP anmts, features, ID. Poor (Lopez-PR).
- 11775 ROMANIA Bucharest: 1500 IS, ID, fqys, sked, EG nx, //17815, 15335, 11775 heard this day but usually jammed or QRM'd. F (Zilmer 1/24).
- 11775 SPAIN REE: 0430 SP nx, ID, features. G (Lopez-PR 1/19).
- 11780 NORTH KOREA R. Pyongyang: 0800 EG tlk on reunification of Korea(Sharpe)
- 11785 UZBEK SSR R. Tashkent: *1200-1215 EG nx by M&W, cmntry on China, ID, "Saturday Mailbag", Exceptional signal! (Krist-VA, Bolland-FL).
- 11790 UKRAINIAN SSR Kiev-R. Vilnius relay: 2300 EG nx/cmnty/ID. G(Lopez-PR)
- 11790 INDONESIA VoI: 0900-0920 M w/nx in Bahasa-Malaysia, mentions of World Affairs, G(Sharpe-CA 1/17). *1358-1455" EG nx, ID, IS, MoR vocal mx interview w/government official, cmntry on China. G-VG (8 reporters).
- 11795 COLOMBIA Rdf Nacional: 1100-1258 SP tlk, childrens pgm, NA @ 1153, fqys & sked by W in SP, guitar semi-clsci mx. F-G(Rapillo, Bolland, Lopez)
- 11800 UKRAINIAN SSR Kiev-RM relay: 0030 SP anmts, ID. F(Lopez-PR 1/19).
- 11800 ITALY RAI: *0100-0120* IS, EG nx by W, jazz mx. G(Krist-VA, Fitzpatrick)
- 11800 SRI LANKA SLBC: 1850 subcontinental mx, Poor signal (Sams-ARK 1/21).
- 11805 BRAZIL R. Globo: 0000 PT futbol game w/M ancrs. P (Lopez-PR 2/5).
- 11810 ROMANIA Bucharest: 0015 SP tlk, ID. F w/QRM (Lopez-PR 1/23).
- 11810 SEYCHELLES FEBA: *0400 EG M ancr w/Wld nx, ID, Eaftr svce.(JJ Marano).
- 11810 INDIA AIR: *1330-1445 EG nx by W, cmntry on Asian-African meeting, cmntry by M, Parade description by remote location, EG nx @ 1455, replay of soccer match w/M ancrs in EG. G(Zilmer 1/26, Choroszy, Krist-VA)
- 11810 VATICAN STATE VR: 1500-1515 EG religious nx, //15110. G (Zilmer 1/25).
- 11815 LIBYA R. Jamahiriya/SPLA/JBC: *2300-2358* march NA, opening anmts by M in AR, M in EG w/fqy & sked anmt, Koran recitation, light pop mx, readings of Qdafi's "Green Book" and anti-Reagan cmntry done to a disco beat! EG Wld nx blasting Reagan's imperialist administration, interview with a U.S. oil worker in Libya saying he can't understand why the U.S. is so rude and inconsiderate in Libya relations. Closing anmts @ 2352 w/EG sked & fqys. NA. Back into AR @*0000. Xlnt signal (18 reporters)!
- 11818 MOZAMBIQUE Maputo: 0415-0437 IS to 0415, S/on anmts by W in PT, Pop/rock mx, ID @ 0430, W w/nx in PT, F //9619(Hood, Buer, Sams, Wiseblood). 1613-1640 PT/Afro vocal mx, anmts in vernaculars, //9618.8 (Young-CA).

- 11820 AUSTRALIA RA: 0845-0900 EG pgm on Aboriginal mythology, ID (Sharpe-CA).
 11820 KIRGHIZ SSR Frunze-RMWS: 1153 EG tlk by M&W, RS folk mx. IS&ID(Bolland)
 11825 TAHITI Papeete: 0330-0838 Polynesian vocals, FR anmts, TT pgm 0800-0820 then back into FR w/US pop & FR mx. Poor-Xlnt(Sarkisian, Sharpe, Lopez)
 11830 VATICAN STATE VR: 2212-2224 EG "Pope in Africa" (Verneti-HI 2/15).
 11830 SOUTH KOREA KR: 1615-1630 EG cmntry on US/Jap relations. F(Rigas-IL).
 11835 URUGUAY R. El Espectador: 0054-0231 ID, SP/US pop vocal mx, 3-chimes @ 0100, ad string, SP interview pgm w/2M, killed @ 0230 by HCJB s/on inRS, otherwise a good steady signal (Herkimer 1/20, Florian 2/5).
 11835 HAITI 4VEH: 1205-1330 EG nx, wx for the Caribbean @ 1213, TC's & ID @ 1215, religious pgm /9770. P(Rapillo, Lopez-PR 2/7).
 11840 PORTUGAL RP: *2200-2330 IS, NA, ID, PT nx, anmts. F(Lopez-PR, Rigas-IL).
 11845 VATICAN STATE VR: *0100-0114* EG religious tlk. G(Wack-VA, Krist-VA, Lopez)
 11845 EUROPEAN RSFSR Kazan-RM relay: 1231 tlk by W in lang., ID. G(Bolland-FL)
 11850 INDIA AIR: 1232 EG nx by W, into Hindi @ 1236. F(Bolland-FL 1/4).
 11855 SAUDI ARABIA R Jeddah/RBSKSA: 1730-1956 EG British accented anncr, ID, "Music of the Masters", EG nx of the ME, cmntry by W(Florian, Connell-CA)
 11855 USA VoFC-relay/FL: 0500 SP anmts, religious tlk. F (Lopez-PR 2/3).
 11860 SOUTH AFRICA R. RSA: *2145-2159 EG IS, ID, special transmission on the South Atlantic yacht race, into PT @ *2159. Xlnt9Wack-VA, Rapillo 1/10).
 11864 BRAZIL R Clube de Pernambuco: 0822-0856 PT "Carnival" pgm before a live audience, ID @ 0852, PT anmts. G(Glikeman 1/16). 1138 tentatively the one here w/PT anmts, pop/vocal mx. No clear ID by f/out 1145.(Bolland-FL)
 11880 CHINA R. Peking: 2345 SP anmts, ID. F w/QRM (Lopez-PR 2/6).
 11880 SPAIN SFR: 0100-0200 EG nx by W, "Spanish Press Review", SP guitar mx, EG cmntry, Xlnt(Shortridge-IN 1/13, Mayer 1/16).
 11890 QMAN RO: 1900-2115* ME mx to bells @ 1900, into AR nx @ 1900 & 2100, QM'an recitations, AR anmts by W, NA to 2115*. F(Lobdell-MA 2/6, Biller).
 11890 USA WRNO: 2235-2240 EG ID's, signature tune "We are the Rock", also using the phrases "Where the Saints go marching in" & "from the home of Dixieland", also heard from 2104-2115 on 15355 although 11890 was much better. 15355 was not exactly on fgy and was a bit mushy at times. Called in my report and a W said QSL's would be mailed in abt 2 1/2 wks., Mypersonal feeling is that I will enjoy WRNO and their programming. I hope that they make it! (Moritz). Tnx for rpt j-j -ye ed. *2315-2321 US pop/rock mx, ID's, "WRNO Worldwide" test transmission. G-VG (Hood-MAN).
 11900 SOUTH AFRICA R. RSA: 0215 EG(Updegraff). 0350 EG nx, cmntry (Lopez-PR).
 11905 ITALY RAI: 2330 IT nx, cmntry, ID. P (Lopez-PR 2/3).
 11905 AUSTRALIA RA: 2255 Vietnamese pgm to SEAs. F (Pietraszek).
 11914 PARAGUAY RN: 1012 SP ID, tlk by M, Lam pop mx. VG (Forth-IL 1/25).
 11915 SPAIN R.Liberty-relay: 1930-1940 RS tlk by M on arms race. P(Rigas-IL).
 11920 IVORY COAST Abidjan: 2120-2205 FR tlk by M&W, Afro folk mx, FR ID by M. "R Cote d'Ivoire". G w/QRM de RBI after 2220 (Lobdell-MA 2/6, Lopez-PR).
 11920 EAST GERMANY RBI: 0330 PT tlk pgm on mx, ID. G(Lopez-PR 1/18).
 11925 BRAZIL R. Bandeirantes: 2330 PT anmts, Bras. vocals. P w/QRM (Lopez-PR)
 11925 GREECE VoG: *1900-1926 IS, EG S/on anmts, GK nx then EG nx @ 1920. G(Wack 0300 EG nx, cmntry, ID. P w/QRM(Lopez-PR). This is the VoA relay, sri-ed
 11925 PORTUGAL RP: *0030 IS, FR nx. F(Potorti 1/12). *0300-0330 Chimes, NA, EG nx, ID, "Listeners Mailbag", ancient PT mx(Krist, Manning, Updegraff).
 11930 PHILIPPINES VoA: 2315 CH tlk, nx & cmntry, ID. P (Lopez-PR 1/19).
 11930 FRANCE RFI: 2130* FR pop mx, ID, FR anmts. F (Lopez-PR 2/7).
 11935 AUSTRALIA RA: 2115 Indonesian svce, IS. VP (Lopez-PR 2/7).
 11938 KAMPUCHEA VoPK: *1200-1214* EG nx by W, cmntry, into FR nx @ 1215 following a 2-min. silent period 1213-1215, P-F (Lobdell-MA, Hood-MAN).
 11940 SINGAPORE SBC: 1035-1630* EG pop/MoR mx, sports, wx, transcript of a BBC pgm, full ID's, TC's, now GMT plus 7. F-G (5 reporters).
 11940 UAE Dubai: 0330 EG nx, cmntry, ID. G (Lopez-PR 1/19).
 11940 ROMANIA Bucharest: 2215 SP anmts, nx, ID. G (Lopez-PR 1/21).
 11943t BANGLADESH R Dacca: 1449-1502 Urdu chanting, Subcontinental Indian mx, anmts by W w/mentions of Bangladesh. Immediately off following nx(Young)
 11950 PORTUGAL R Japan-relay: 2200-2215 ID, EG nx. P w/Habana QRM(Buer, Lopez)
 11950 KAZAKH SSR R Alma Ata: *2358-0000 IS, gongs for 6:00, NA for Soviet Union and one for Kazakhstan, ID finally @ 0006, into nx in Kazakh, RS nx @ 0015 (Florian).
 11955 ANGOLA R Nac: 0545-0615 Afro highlife vocals, PT ID, Ezl mx(Wilkins-CO)
 11955 PHILIPPINES R Veritas-Asia: 1430-1453 EG "Mailbag" pgm, nx to Asia, transcription via RCI on Canadian-Indian relations(Rapillo, Zilmer, Wack).
 11960 ISRAEL Kol Israel: 2245 EG anmts, ID. P (Lopez-PR 2/6).
 11965 SAUDI ARABIA RBSKSA 2230 ME mx, AR anmts, ID. G (Lopez-PR 1/19).
 11965 PHILIPPINES VoA: 1515 CH nx, cmntry, ID, anmts. P (Lopez-PR 1/11).
 11965 USA WRNO World-Wide: *0001-0031* EG test transmission, oldies, numerous ID's, requesting rpt, phone#504-889-2424. Xlnt(Gavaras, Hood, Lobdell).
 11975 EAST GERMANY RBI: 0334-0342 EG nx, ID, lcl pop mx, cmntry (Florian 2/1)
 11980 EUROPEAN RSFSR Moscow-RM: 2330 SP nx to CAM, cmntry, ID. F(Lopez-PR).
 11980 CHINA RP: 0200 CH nx, anmts. F(Lopez-PR 1/18).
 11985 ALBANIA Tirana: 2200 SP tlk, ID, some QRM otherwise F (Lopez-PR 1/21).
 11990 CZECHOSLOVAKIA Prague: 0340 EG tlk on agriculture. F(Rigas-IL 2/2).
 11990 BERATIC RSFSR Vladivostok-Mayak: 0040-0102 RS tlk, orchestral mx(Jordan

11995 BYELORUSSIAN SSR Minsk-HS: 0930 RS M w/1cl nx bulletin, horribly distorted signal. Virtually unreadable due to the distortion (Darling 1/6)

12000 EGYPT R Cairo: 0150 AR tlk abt Israel. F(Lopez). 0200-0300 EG nx, "This is Islam", "Maicall" pgm, Egyptian/ME mx (Strauss, E Hoffman).

12005t BANGLADESH RB: 1337 Urdu tlk by M, Subcontinental mx. P(Florian-IL).

12035 VIETNAM VoV: 1350 EG cmntry on sports. P w/BTE CW QRM (Wack-VA 1/18).

12040 UK BBC: 0300 AR anmts, "Huna London" ID, Big Ben chimes (Lopez-PR).

12045 EUROPEAN RSFSR Leningrad: 1235-1315 tlk by M&W in RS, interview(Jordan)

12050 EGYPT Cairo: 2230 AR tlk, cmntry, ME instr/vocal mx (Lopez-PR 1/19).

12070 MONGOLIA RUB: *1202-1234* IS, ID's, EG sked w/fqys, EG nx, cmntry, cmntry on Israel, visit w/Mongolian Opera. F-G (8 reporters).

13797 ICELAND ISBS: *1830v suddenly on mid-tune, IC anmts by M, 5 chimes @ 1900, then into M w/nx in IC. Interview w/M&W in IC, Big Band type mx. Signal quite clear w/rapid polar fading to 2007*v. F-G (9 reporters).

14445 USA PIRATE (WOIS): 1814-2119* EG test to Eur., switched to 14453 @ 2029. US pop mx, Britcom, receiving calls from MI, DC & MA (Wallace-MA2/6)

14835h COLOMBIA R Colosal: 3rd harm. noted here 1256-1303 w/mentions of Caracol & Radiodifusion Villavicencio. Poor (Potter-ONT 1/30).

15030 CHINA CPBS: 0219 CH anmts, Oriental instr/vocal mx(Lopez-PR). 1000-1030 pgm-II w/light opera mx. Fair on a clear channel (Darling 1/6).

15045 GRENADA RFG: 2215-0001 EG "Letterbox" pgm, E21 pop/vocal mx, EG nx pgm featuring Socialist propaganda. F-G (Updegraff, Moman, Lopez, Wack, Bolland)

15060 SAUDI ARABIA BSKSA/R Jeddah: 1825-2300* ME instr mx, AR tlk by M, Qur'anic recitations @ 2250, S/off anmts to 2300* (Jordan, Strauss).

15100 USA WRNO: 2008-2115 test xman w/ID, "Rock of the World" IS, taped anmts repeated every few minutes, pop/rock mx. (Young, Gorichanaz, Zilmer)

15100 ASIATIC RSFSR Vladivostok: 1700-1800 CH tlk & vocal mx, cmntry, nx by W in CH. Xlnt. Wiseblood-CA 2/4). *2300-2330 R. Vilnius EG nx, "Saturday Show", cmntry (Murff-NM). *0300-0330 R. Kiev EG nx, tlk by M&W w/historical look @ Kiev over the past 1600 yrs.(Jordan, Manning). *0330-0400* R Yerevan EG S/on anmts by M in Arm., into EG anmts(Jordan).

15105 ISRAEL Kol israel: 0500 EG Wld nx, cmntry, features, ID(Lopez-PR 1/24)

15110 INDIA AIR: 2200 EG nx, cmntry, Subcont. mx, ID. P-F(Zilmer 1/21, Lopez).

15110 VATICAN STATE VR: 1500-1515 EG religious tlk, nx. G (Zilmer 1/23).

15115 PORTUGAL RFE relay: 1740-1750 PO tlk by w, cmntry by M. This fqy was //15145 and both were way over the jammers. G-VG (Wiseblood-CA 2/8).

15115 INDIA AIR: 1745-1845 W vocalist w/Subcont. mx, AP nx by M @ 1745 and @ 1845. F w/cochannel RFE and jammer QRM (Wiseblood-CA 2/3).

15120 CHINA R Peking: *0000-0057* EG nx, "Letterbox", "Music Album"(Fraser-MA *0100-0157* EG sked @ fqys by w., G //11650(Moman, Bolland, Byron-nY). *0200-0257* EG nx, cmntry on rice growing in USA(Updegraff, Lopez-PR). *0400-0457* EG ID, W w/nx, CH folk mx on western instruments, Sharpe-CA).

15120 NIGERIA VON: 2115-2200 EG nx by M&W, cmntry, NA @ 2200*. F(Bolland-VL). 0503-0518 EG W w/nx to 0510, Nigerian vocals, //17800(Earhart, Fitzpatr'k)

15125 TURKEY VoT: 1520-1400 EG "DX Tips", nx, cmntry, IS. G(Manning, Wack-VA).

15125 TAIWAN VoFC: 1645 CH M&W vocalists alternating in an oriental song, tlk by M in CH, ID by W, chime IS to 1658*. G this day only(Wiseblood2/4)

15125 SWITZERLAND SRI: 1530 EG nx, skiing rpt, "Swiss Merry-Go-Round", G //17830, 21570 (Zilmer-NM 1/23).

15130 ASIATIC RSFSR Vladivostok-RMWS: 0340-0400 EG Clecl mx, W ancr(Jordan).

15130 USA VoFC-relay: *2100-2200* WYFR ID @ 2100, choral anthem, SP nx, ID, CH vocal mx. Abruptly into WYFR @ 2200 (Burke, Lopez, Buer-FL).

15135 WEST GERMANY DW: EG "Window on the World" nx, //9735, 11965, 21600 (Zilmer)

15140 CHILE R Nacional: 0303 SP ballads, M ancr in SP, ID's(Sarkisian 1/27)

15150 WEST GERMANY DW: *1930-2020* Into EG from Hausa, Wafir svcs., EG nx, ID's, request pgm, reading listeners letters. VG(Shortridge, Reid, Wack).

15150 CHILE RN: 2345-0126 SP futbol game, ID's, SP/EG pop mx(Moman, Lopez).

15150 BYELORUSSIA Minsk-RMWS: 1301-1320 EG Wld nx, features (Purdum 2/1).

15155 EGYPT R Cairo: 1715-1829* Haunting ME vocal sets, AR tlk by M. "Big Ben" type chimes every hr., brief S/off anmt by W 1829*(Wiseblood, Lopez).

15160 SPAIN REE: *1655 guitar IS, orchestral NA @ 1700, opening anmts & ID by W in SP, then into AR pgm w/nx by M, ME vocal mx (Wiseblood-CA 2/8).

15160 PHILIPPINES VOA-relay: 1431-1441 EG cmntry & focus on Poland(Stidwell).

15165 CHINA R Peking: 1410 SP nx, cmntry, ID(Lopez-PR). *1700 "East Is Red" IS, EG ID's by M, into nx by M in EG. F-G (Wiseblood-CA 2/4).

15165 DENMARK RD: *1400 Music-Box IS, ID by M ancr in DN, S/on info in EG, nx in DN, cmntry (Jordan). 0050 ID by M, DN nx of Denmark. F(JJ Marano).

15170 EAST GERMANY RBI: 1811 end EG nx, ID, into cmntry. G (Moman-AT 1/13).

15170 TAHITI Papeete: 0150-0630 Polynesian group vocals, FR anmts, TT tlk, US pop mx/jazz @ 0600. Pgm featuring Children in TT/FR(6 reporters).

15180 CHINA R Peking: 1300 SP anmts, CH mx, ID. P (Lopez-PR).

15185 PHILIPPINES VoA: 0330 EG nx, cmntry, features, ID. F(Lopez-PR 1/12).

15190 FRANCE RFI: 1545 FR nx, tlk, ID. P (Lopez-PR 1/31).

15190 SPAIN REE: 1330 SP lcl nx, ID, anmts. P w/cochannel QRM (Lopez-PR 1/11)

15192 BRASIL R Inconfidencia: 2256-0301* E21 pop/vocal mx, PT ads, ID's, TC's, occasional anmts by M in PT, //6000. QRM de RCI PT @ 2300 (8 reporters)

15215 BRASIL R Timbira: 0055 PT M asking for rpts. P w/QRM (Lopez-PR 1/18).
 15220 HUNGARY Budapest: 0200-0230 EG nx, tlk of a driving school (Updegraff).
 15220 SOUTH AFRICA R RSA: 0200-0230 FR nx, IS. P-F (Moman-AT 1/14).
 15225t TUNISIA RT: tentatively the one hr @ 1830 w/ME mx & AR tlk. P (Lopez).
 15235t LIBYA possibly the one hr @ 0358 w/Big Ben Bells followed by Bells marking the hour, M in AR giving TC's for several different cities followed by a repetition of the bells. F (Lopez-PR 1/24).
 15240 AUSTRALIA RA: 0545 EG tlk, features & ID. P (Lopez-PR 1/13).
 15240 SWEDEN RSI: 1929 IS, multi-lingo ID, into EG nx. P-F (Moman-AT 1/15).
 15240 ASIATIC RSFSR Vladivostok: R. Vilnius 0025 EG songs by childrens choir, G (Byron-NY 1/12). 0517 R. Moscow EG nx & features. G (Earhart-PA).
 15245 ZAIRE LV du Zaire: 2030-0031 Afro pop/tribal chanting, FR anmts by M, //15550 also Good/Bolland, Moman, Reinstein, Briscoe). 0300-0537 likely the one here w/Afro chants & lcl pop mx, FR anmts (Wiseblood, Lopez-PR).
 15245 ITALY RAI: 1829-1830 Birdcall IS, IT W w/ID, P w/QRM (Moman-AT, Lopez-PR)
 15250 SRI LANKA VOA-relay: 0100-0150 EG "Breakfast Show". F (Rigas, Zilmer).
 15250 ROMANIA Bucharest: *1300 EG W w/nx, cmntry on social problems (Krist).
 15260 JAPAN FEN-Tokyo: 0520 ending AFRTS simulcast basketball pgm, ID w/TC for Tokyo. Wld nx by M in EG, into top-20 countdown. F (Wiseblood 2/8).
 15260 GREECE VoA-relay: 1520 EG Wld nx by M, Fair signal (Zilmer-NM 1/21).
 15265 GUAM KTRW: 2230 EG "Language Lesson". Good (Zilmer-NM 1/26).
 15285 INDIA AIR: *0358 IS, ID, S/on anmts, into Farsi nx, //17785 (Florian).
 15285 BANGLADESH RB: 1700 AR nx, ID, seemingly //11768. P-F (Sams-ARK).
 15290 BRASIL R Bras: 0215-0245 EG W w/cntry, ID. F //17830 (Earhart, Lopez).
 15290 ARGENTINA R El Mundo: 0055-0108 SP speech by M, ID's. P (Moman, Lopez).
 15300 JAPAN RJ: 0014 EG W ancr, JP mx, M ancr w/cntry. F (JJ Marano, Lopez).
 15310 AUSTRALIA RA: 2300 EG nx to Asia. P-F (Zilmer-NM 1/21).
 15310 BULGARIA Sofia: 2100 EG nx, lcl folk mx, cmntry. P-F (Zilmer 1/21).
 15320 UAE Dubai: 0523-0540 FR M ancr, pop mx. Good signal (Earhart-PA).
 15325 JAPAN RJ: *0458-0516 IS, EG ID, EG Wld nx by M. F-G (Earhart-PA).
 15325 SOUTH AFRICA R RSA: *0158-0255* IS, ID, EG nx (Earhart, Bonnet, Lopez).
 15325 UGANDA Kampala: 0306-0452* EG ID by M ancr, Afro/pop/disco mx, EG tlk by W on Uganda's Parliament. Into vernaculars after 0400. Xlnt (6 reports)
 15325 SWITZERLAND SRI: 2300 IS, ID, PT nx //15305. P-F (Zilmer-NM 1/21).
 15330 ITALY RAI: *0350-0410* EG nx to Asia, lcl IT mx. G (Reid-on 1/13).
 15333 COLOMBIA Rdf Nac: 0420-0456* SP MoR vocals, LAm vocal mx (Bonnet-IN).
 15335 INDIA AIR: 1330-1500* EG pgm sked w/fqys, nx @ 1455 (Jordan 1/24, Zilmer)
 15335 ROMANIA Bucharest: *1500 EG fcy sked, nx, Romanian mx. F-G (Zilmer).
 15345 QATAR QBS: *1357 IS, NA, S/on anmts by AR M, Q'ran readings. F (Florian)
 15345 KUWAIT RK: *0156-0208 NA, AR tlk by M, Q'ran recitations (Florian 2/9).
 15355 USA WRNO: Regular programs heard on WRNO since 2/21, for sked see the last page of LR-D (FEB-FRENDX) for daily programs. 17895 best hr-ScW
 15375 SPAIN REE: 1645-1930 SP rpt from sporting event. P-F (Lopez, Rigas-IL).
 15380 SINGAPORE BBC relay: 0200 EG nx, Press Review, "R Newsreel". F (Zilmer).
 15400 FINLAND Rr: 1243 FN tlk, Orchestral mx, //21475. G (Earhart-PA). 1330-1355 EG "Finlands Sunday Best", Finnish/Icelandic art festival (Hoffmann)
 15400 IRAQ Baghdad: 2115 AR tlk by M, ME instr/vocal mx. P w/splash (Lopez).
 15415 BRASIL R Cl. Ribeirao Preto: 0154-0201* Xlnt w/singing ID, PT M w/ID/TC into lcl pop mx, S/off mid-song (Krueger-FL 1/9).
 15425 AUSTRALIA ABC/Perth: 0050-0100 EG sports w/yacht race results. P (Purdum)
 15425 SRI LANKA SLBC: 0100-0130 EG "Monday Morning Show", Birthday greetings, time pips & ID by W @ 0200, "Back to the Bible". P-F (Krist-VA, Moman-AT)
 15430 MEXICO RMI: 2330-0339* SP nx, ID, ranchero mx, complete EG ID w/sked & fqys @ 0303, F-G (Lopez, Fraser-MA, Rapillo-NV, Florian-IL, Grosvenor-CA).
 15435 GABON RFI-relay: 2115-2330 FR/US pop mx, FR anmts, ID's (Connell, Lopez).
 15445t BRASIL R Nac: 2115 PT tlk, also hrd @ 0140 w/PT anmts. G (Lopez-PR 2/1)
 15450 PHILIPPINES FEBC: 2330 EG fqy sked, religious pgm w/mx. F-G (Zilmer).
 15450 EUROPEAN RSFSR Krasnodar: *1329 RP&P EG nx by W. G (D'Angelo 1/23). R Moscow 1405-1415 EG nx, cmntry, W ancr w/tlk. G (Manning 2/5).
 15475 EGYPT Cairo: 1530-1703 AR tlk by M&W, ME vocal sets, ID's @ 1700 (Valko)
 15476 ANTARCTICA LRA36: 2245-0100* SP vocals, W ancr in SP, NA (Sarkisian, Moman)
 15485 NEW ZEALAND RNZ: 2015 old top-40 mx, Big Band mx. P w/QSB (Sams-ARK). 0430-0510 EG pop mx, "Sports Roundup", comprehensive wx (3 reporters).
 15495 KUWAIT RK: 0445 AR tlk by M, ME instrumental & vocal sets (Lopez-PR).
 15503 COLOMBIA Rdf Nac: 2254-0215 Clsl mx, ID on the hour (Cunningham, Lopez).
 15505 QATAR QBS: 1530-2000 AR Wld nx @ 1530, AR ID, AR/EG pop mx (5 reports).
 15520 CHINA R Peking: *0000-0056* EG Mailbag pgm, tlk abt CH postal system (Strauss, Byron-NY). 0115-0156* EG to NAM, GK fairy tale pgm (Bonnet-IN).
 15575 SOUTH KOREA KBS: 0240-0300 EG acknowledging DX reports (Pietraszek).
 16433 KIRIBATI RK: 1820 Island group vocals, into R Aus nx @ 1900 (Sams-ARK).
 17560 GREECE VoG: 1539-1552* EG fqys & sked, EG nx to 1550, then into GK S/off anmts. GK clsl mx. G-VG (Zilmer 1/25, Jordan 1/24).
 17620 PAKISTAN RP: 1630 Turkish tlk, lcl mx, into 5-min EG nx segment @ 1650, Fair signal (Zilmer 1/23, Lopez-PR 2/7).
 17640 PAKISTAN RP: 1600 EG slow speed nx by M. VP (Burke-VA 1/26). 0348-0430 Gujrati pgm, sent tape to RP (Verneti-HI 2/15).

73, Steve/KAGIBD

log report section

17700 & ABOVE



BRETT SAYLOR

- 17700 USSR RMWS; (UHN lists Yerevan site,ed) 1028 EG, IS, nx, full ID (Bolland)
- 17705 NEW ZEALAND RNZ; 0108-0415 EG, cricket match, fair (Moman 1/14, Fitzpatrick)
- 17705 PHILIPPINES R Veritas; 0044-0100 EG, DX club,nx,s/off(Feinberg)
- 17705 UNID 2242-0015 AR, poor, seesaw mix w/ RVA co-chan; mostly AR mx little tlk - RNZ not hrd 'til after 0230 (Lucas 2/9)
- 17710 UNITED ARAB EMIRATES Dubai; 1630-1645 EG, ID, QSL info, MEast nx to 1645 AR pgm; fair (Jordan 1/24, Zilmer)
- 17715 SINGAPORE BCBWS; SEast Asia relay, 0033-0045 EG, EG By Radio, Fluttery signal (Strauss 1/3)
- 17720 FRANCE RFI; 1730-1755 EG, Paris Calling Afr pgm, w/ science & technical topics, sports (Jordan 2/1, Mayer)
- 17720 USSR RMWS; 2005 EG, nx, documentary on Poland,fair (Rapillo1/29)
- 17730 USA WINB; 1603-1657 EG, mx pgm, mostly instrm, ID 1630(Bonnet)
- 17730 USA VOA; 0138 EG, nx from El Salvador, vry good (Krist 2/8)
- 17745 SOUTH AFRICA R RSA; 1800 GM, IS, ID, nx, mx, //21530 QRM'd(Zilmer)
- 17755 JAPAN RJ; 0210 EG, nx, ID, into JP 0215 (Alexander 2/7) 0100 EG, ID, freq, times, nx, current topics, good (Tekulve 1/9)
- 17755 AUSTRALIA RA; 0440 EG, Christmas mx (Earhart 12/25)
- 17765 USA AFRTS; 0408-0430 EG, nx, strong signal w/ fades (Bonnet2/6)
- 17800 TAIWAN VOFC; *2357-0005 lang; IS, ID, s/on annmets, nx(D'Angelo)
- 17810 VATICAN STATE Vatican R; 1500-1515 EG, rel nx, //15110,11810
- 17810 PHILIPPINES FEBC; 0015-0100 EG, ID, nx, rel fea- (Zilmer 1/21) tures, fair-poor (Burke 1/26,Fitzpatrick,Forth) (Zilmer 1/22)
- 17815 ROMANIA R Bucharest; 1500 EG, nx, cntry, freq sked, local mx
- 17820 CANADA RCI; *2130-2158* EG, nx, DX Digest, good (Krist 1/23)
- 17830 BRAZIL R Nac; 0200-0300 EG, nx, mx, letters, features, good (8 reporters)
- 17835 PORTUGAL R Free Europe via Gloria; 1900 Czech/Slovak, fair w/ nx bulletin, slight jamming and Cuba QRM (Rigas 1/23)
- 17835 CUBA RHC; 1810-1825 FR, 1900-1910 SP, poor u/RFE (Manning,Rigas)
- 17840 PAKISTAN RP; 0233 EG, slow-speed nx well o/Sweden (Florian)
- 17840 SWEDEN RS; 0245 EG, SSB here, usually better than AM //11705, 9695 for Sweden Calling DXer's pgm (Moman 1/13)
- 17845 USA WYFR; 1730 EG, scripture readings (Mayer 1/25)
- 17860 USA VOA; 0115-0135 EG, nx hilites of the day (Greenville site per CFS D-81,ed) (Shortridge 1/7)
- 17870 LIBERIA VOA via Monrovia; 1726 EG, Nightline Afr pgm (Krist1/23)
- 17870 USSR R Kiev; *0030-0058*, 0324 EG, nx, cntry on Poland, fair (Krist 1/15,Earhart)
- 17875 INDIA AIR; 1049-1100 EG, Indian mx, nx, fair (Bolland 1/1)
- 17880 PORTUGAL RP; *1800 EG, IS, ID, nx to Afr (Zilmer,Moman,Reid)
- 17880 ECUADOR HCJB; 0055-0150 EG, nx, rel pgms, //15155,9745(Earhart,
- 17895 * USA WRNO; 1840-2008 EG, test xman, mx, taped annmct, Moman) excellent (Gorichanal 1/24) 1844 EG, oc w/tone mod @1837, caliope rendition of "Way Down Yonder in N.O.," "When the Saints Go Marching in", ID as "WRNO Worldwide", "Rock of the World", said was test for equip adjust purpose. Reports wanted(address--4539 I-10 Service Road, Metairie, LA 70002,ed), thnx Lazarus tip (Jones 1/24) 1945-2003* EG, test xman, Beatles songs, phone # 504-889-2424 (Krist 1/24)
- 17900 UNID noted *1755-1840 fade, w/5 min of drum IS (9 or 10 notes- the last being slightly delayed) and into what sounded like ID by W as "Ici...Radio...Télévision..." The IS was clear, but W's audio was mushy as was the M who followed, fair (Hardester 2/6)
- 17930 LIBYA V of Arab Homeland pgm, 1845-1915, 2310 AR, tlks by M, mx, // 15415,11815 (Wilkins 1/6,Earhart)
- 18180h CUBA RHC; 2200 SP, 3x6060, (details???) (Sams 1/25)
- 18395m UNID R " - - tiva";0029-0131 SP, ID 0100-0125, poss nx 0100;

- Ranchera mx 0113, no 6066 3x harm (it would actually be 6132,ed)
hrd 12/13, again 2/3 during geomagnetic storm (Potter)
- 21460 GREECE VOG; 1540-1549 EG, nx pgm during GK pgm, //17560, 11730, fair (Zilmer 1/21, Rigas)
- 21465 EAST GERMANY R Berlin Inl't; 1355-1410 EG, sports pgm, to SEast Asia (Tekulve 1/11) 1515-1550 EG, nx, cmtry (Zilmer 1/23, Short-
- 21475 FINLAND RF; 1310, 1431-1500 EG, nx, letters (Manning, ridge 1/6) Shortridge)
- 21477A. ECUADOR HCJB; 2044 FR, ID, rel pgm, ann'd 21480; vry good (Flo-
- 21525 BELGIUM BRT; 1400-1430 EG, s/on, ID, nx, mx, feature on the Par-
liament, sports review, s/off; (Manning 1/25)
- 21555 SWEDEN RS; 1450 SW, USB mode, tlk, mx (Zilmer 1/24)
- 21560 WEST GERMANY DW; 1530 GM, assumed to Afr, w/mx & tlk (Earhart 1/30)
- 21570 SWITZERLAND SRI; 1315-1345, 1537 EG, Dateline pgm, political cmtry, Swiss facts (Fitzpatrick 1/31, Earhart, Manning, Shortridge)
- 21580 *CLANDESTINE Vinco Music Radio; 2140, pgm of AR mx w/vocals; source by phone call says 15 watts. Also hrd on 14000 earlier (Valko 1/24)
- 21585 IRAQ Voice of the Masses pgm, 0313 AR, MEast mx into nx by M, mnt of Islam (Uerlings 1/29)
- 21600 WEST GERMANY DW; 1500 EG, s/on, nx to Afr (Manning 1/21) //9735, 71965, 15135 all heard (Zilmer 1/30) Warner 1/16)
- 21615 SWEDEN RS; 1400-1430 EG, mx, pgm on energy, letters (Strauss 1/10,
- 21615 ITALY RAI; *1400 IT, nx, tlk, mx (not hrd on sked 21695) (Zilmer 1/26)
- 21655 AUSTRIA ORF; 1236 EG, pgm on economics & peace in Poland, folk mx fair (Krist 1/30)
- 21655 UAE Dubai; 1630 EG, nx, ID's, into AR 1645; vry strong (Wallace 1/1)
- 21695 ITALY RAI; *1355-1416 IT, IS, elaborate ID's, chimes, nx, good w/ co-channel UAE to 1400 (Jordan 2/1, Buer)
- 21760 ISRAEL Kol Israel; 1400-1455 RS, tlk, mx (slight jamming); // 75585, *5485, 17815, 17710, 17685, 25640 badly jammed, also 21675, 21495 fair, badly jammed by 1430 (Zilmer 1/30)
- 21810 BELGIUM BRT; 1400-1440 EG, nx, mx, qSI info, to Far East, // 21525 to NAM (Zilmer 1/29, Jordan, Gorichanaz)
- 23440h CANADA CBCNS; 1903 EG, nx, freq sked, 2x11720 (Moman 1/5)
- 25615 NORWAY RN; *1400-1430* EG, nx, "Strange Story of the Signature Tune" (by elves in the woods - that's what they said!) (Fraser) 1600-1630 EG, nx, economic rpt, vry good (Strauss 1/10)
- 29580 CHINA R Peking; 0023 SP, 3x9860, IS, ID at 0000; most evenings. 9860 fair (Moman)

Note: Effective immediately my address will be: P.O. Box 10, Whitehall PA 18052. Please use this for all correspondence concerning LR-E.

Thanks to Dave Walcutt for the Coordinated Frequency Schedule for the D-1981 period. All notations of QFS refer to this guide.

For those interested in VOA transmitter sites, write to the VOA who I believe still publishes (they did at one time) a frequency guide listing all sites and times of operation. Give that a try at VOA, Washington DC.

73's,

Burt

NB: Re Jordan's 17810 log of UAE in LR-E 2/82, he notes it should read "///11940 and 21700 not audible". Thanks

LOG REPORTERS

FRENDX

Another fine turnout for this months Log Reports:

Brian Alexander, Mechanicsburg, PA (FRG-7700mod, R-4); Wayne Alsabrook, Searcy, AR (DX-300, RF-2600); Ray Bauernhuber, Rosedale, NY (RF-2800); Jeffrey Biller, East Brunswick, NJ; Charles Bolland, Lakewood, FL (FRG-7000); Arthur Bonnet, West Lafayette, IN (DX-302); Ken Briscoe, New Albany, IN (RF-2900, Transoceanic); Paul Buer, Miami, FL (SPR-4); Lynn Burke, Newport News, VA (SPR-4); Leslie Byron, Laurelton, NY (Patrolman 9, S-38E); Jose Castrillon, Edinburg, TX (Patrolman 9); Paul Choroszy, Saco, ME (FRG-7000); Charles Connell, Fort Bragg, CA (CRF-320, RF-2900mod); Steve Csiki, Chicago, IL (ICF-2001); Larry Cunningham, Columbus, OH; Gordon Darling, Reading, UK (SAIT MR1411); Ken Earhart, Allentown, PA; Richard Eckman, Rockford, IL (RF-4900); E. Feinberg, Brooklyn, NY (RF-2900); Marlin Field, Hillsdale, MI (SPR-4); Leo Fitzpatrick, Chelmsford, MA (FRG-7000); Jay Florian, Round Lake, IL (SPR-4, FRG-7700); Karl Forth, Chicago, IL (HQ-160, RF-2900); Bob Fraser, Cohasset, MA (XCR-30); Tom Gavaras, Plymouth, MN (HQ-180); Sholom Glikzman, Chicago, IL (RF-2800); Jay Golden, Chicago, IL (R-4C); Jim Gorichanaz, Greenfield, WI (DX-302); Pete Grenier, Azusa, CA (FRG-7); Norman Grosvenor, Hollywood, CA (FRG-7); Larry Gutter, Glencoe, IL (R-7); Mike Hardester, San Marcos, CA (R-1000); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); John C. Herkimer, Caledonia, NY (R-4B); Emmett J. Hoffmann, St. Louis, MO (51S-1, R-1530); Bill Hood, Lac du Bonnet, MB (R-4B, RA-17); Jack Jones, Jackson, MS (R-600); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); David Kimmell, Nepean, ON (ICF-2001); Kraig Krist, Falls Church, VA (FRG-7700); Terry Krueger, Casselberry, FL (RF-4900, ICF-2001, RF-2900); Jerry Lineback, Conroe, TX; Chris Lobdell, Stoneham, MA (FRG-7000, HQ-180AX); Richard Lucas, Stockton, CA; Sandra Manning, Garland, TX (FRG-7700); Jerry Marano, Binghamton, NY (RF-4900, DX-160); Brett Marker, Rockford, IL (CRF-320); Eric Mayer, Ashland, OH (RF-4900); Steve McGreevy, San Rafael, CA (HQ-180A, DX-200); Shane Mercer, Tyler, TX (DX-160); Richard Merkel, Union, NJ (DX-300 mod); Don Moman, Edmonton, AB (R-7, FRG-7700); John Moritz, Youngstown, OH (HQ-180); Nathan Murff, Albuquerque, NM (FRG-7); Serge Neumann, Phoenix, AZ (HQ-180AC); Mike Nikolich, Chicago, IL (HQ-180, SPR-4, RF-2200); Frank Orcutt, Alameda, CA (FRG-7); Mark Pettifor, Goshen, IN (DX-302, DX-160); Wilder A. Pickard II, Evanston, IL (R-7, XCR-30); Bill Potorti, Reno, NV (FRG-7); Martin Potter, Limoges, ON (R-4C, SB-310); Gene Purdum, E. Lansing, MI (FRG-7700); Fred Rappillo, Buffalo, NY (RF-2600); Andy Reid, Peterborough, ON (S-53A, DX-60); Steven Reinstein, Miramar, FL (RF-4900mod); Christos Rigas, Chicago, IL (VEF206); Lin Robertson, Littleton, CO (FRG-7mod); Mitch Sams, Farmington, AR; Brian Sarkisian, Jasper, MI (RF-2600); Robert Schoone-Jongen, Edgerton, MN (DX-200); Bryan Sharpe, Castro Valley, CA (DX-302); Clayton Shortridge, Fort Wayne, IN (R-1000); Donald Stidwell, Baltimore, MD (DX-302, RF-2600); Robert Strauss, Columbus, OH (FRG-7mod, FRG-7700, S-108); Ron Tekulve, Harrison, OH (RF-2600); Jim Uerlings, Klamath Falls, OR (SPR-4); James Updegraff, Noblesville, IN (RF-2200); Dave Valko, Dunlo, PA; Andrew Wallace, Chelmsford, MA (HRO-50T, 75A-4); John Wilkins, Wheat Ridge, CO (R-1000); Steven Wiselhood, Santa Maria, CA (RF-2200); Marjorie Witte, Torrance, CA; Robert Zilmer, Rio Rancho, NM (R-1000, ICF-5900W).

The deadline for Log Reports is the 12th of the month. Please use FRENDX log slips or a facsimile, remember to cut them apart and include one signature slip.

73 de tc

8120 Ripplewood Drive
Austin, TX 78758

HAP THANKS: Donations such as pennants, stickers, etc... were received from the following individuals: Tony Capobianco, Bob Wirrell, Tom Haskert, Mike Nabholz, Ralf Munster, Ulrich Seifert, Chris Banares, Hans Johnson, Mike Cooper, John Arthur, Mark Schlesinger, Emmett Hoffmann, Bret Hassman, Rich Lucas, Frank Denneck, Frank Pagano, David Morck, and Steve Shaffer.

HAP BID ITEMS: ITEM #303: 2YB(New Zealand)sticker(2.5x10")blue,white-nice! #304:Radio Hallam(UK)B&W glossy station personality photo cards(4x6.5")-very nice!...Items #305-312 are the same type item as #304 except that they are from the following stations: #305: Beacon Radio(UK)(4x7"). #306: Radio Forth(Scotland)(4x6"). #307: Piccadilly Radio(UK)(4x6"). #308: RTE Radio 2(Ireland)(4.5x6"). #309: BRMB Radio(UK)(3x5.5"). #310: Radio Aire(UK)(4x6"). #311: Capital Radio(UK)(4x6"). #312: Mercia Sound(UK)(5.5x6.5")....Items 304-312 are all glossy station personality photo cards-really a nice addition to your collection....Sam. #313: CKLM cigarette lighter w/ case,m/c. #314: Radio Rhema 3XG(New Zealand)sticker(3x8"), m/c. #315: Radio Aire(UK)sticker(5x5")-very sharp! #316: RAI(Italy)key chain,B&W-rare! #317: Radio Orwell(UK)sticker(5.5"cir)blue,white-sharp! #318: BBC Radio Sheffield(UK)sticker(5"cir)red,yellow and white-quite nice! #319: RTE Radio 2(Ireland)large B&W station personality photo sheets(8x11.5"). #320: CKLM orange and brown station pen. #321: Radio Nacional do Brasil sticker(3.5"cir)m/c-very nice! #322: WESL 2 different stickers,m/c. #323: KOME sticker(4x4")black,yellow-nice! #324: VOCM(Newfoundland)sticker(3x1.5")brown,white & yellow. #325: Radio Forth(Scotland)key chain,red,B&W-very sharp! #326: Radio Tashkent(USSR) 5 different postcards from the station,m/c. #327: Radio RSA(South Africa)5 different postcards from the station,m/c. #328: WBBM "Rainbow" decal(4x8")m/c-beautiful! #329: Radio Salta LV9(Argentina)reflective sticker(2x3")m/c-nice! #330: Union Radio(France)2 different QSL cards and 2 different stickers,m/c. #331: KFUO 2 different stickers(3.5x7.5")m/c. #332: KMJM decal(3x12")m/c. #333: WPIX station pen-nice! #334: KMJM station pen,B&W-nice! #335: WPLR red "Rock n' Roll" key chain-very nice! #336: KHJ "Cowboy/metal badge(1.5"cir)blue, white. #337: Radio Nederland stick pin,m/c-very nice! #338: WCTC/WOMR "1976" key chain,m/c. #339: WCTC "25th Anniversary" key chain,B&W. #340: BBC-World Service metal badge(1.5"cir) red,white,blue-nice! #341: WLPX metal badge(1"cir)black,yellow. #342: CFOX sticker(4.5"cir) m/c-one of the most beautiful stickers I've ever seen!! #343: Metro Radio(UK)sticker(4x5) m/c-nice! #344: Metro Radio metal station badge(2"cir)m/c-beautiful! #345: HCJSJ Ondas Azuayas (Ecuador)cloth pennant(6x11.5")m/c-georgous! #346: Radio Prague(Czechoslovakia) 3 different color slides from the station. #347: Radio Sam(New Zealand)cloth hat,red,orange from this very low powered station! #348: Radio Waikato(New Zealand)cloth hat,red & white-very nice! #349: CBC Radio(Canada)iron-on T-Shirt decal"90 Minutes with a Bullet"-CBC is out of stock on this item! #350: CBC Radio(Canada) iron-on T-Shirt decal"Dr. Bundolo's Pandemonium Medicine Show"-CBC is also out of stock on this one! #351: Radio Avon(New Zealand)3 different station stickers, red,white & blue-nice! #352: Radio Avon sticker(5x19") red,white & blue-very nice! #353: WMMR "Rock Radio"metal badge(1.5"cir)red,green,yellow-sharp! #354: Radiotrasmissioni(Italy)2 different small reflective stickers,m/c-beautiful! #355: WZZO 2 different stickers,m/c. #356: WZZO license plate-regular sized beauty! m/c. #357: Westdeutscher Rundfunk Radio(Germany)green and blue WDR cloth hat-very nice! #358: same as 357 3 different m/c station stickers! #359: same as 357 black and blue station pen-great! #360: same as 357 red,white and gold "Owl" shaped station pin-beautiful! #361: Deutsche Welle(Germany)5"reel to reel 1972 Olympic tape in English-great! Direct from the station! #362: Latin American FM-Stereo Tape 21 different LA FM stations from 6 countries recorded in stereo. Truly an excellent tape!! #363: Braslian Tape more than a dozen Brazilian stations mostly SWBC. Great recording! #364: Spain/Portugal Tape with over 16 different stations including the Canary Islands and Cape Verde stations!! Beautiful!!! #365: WCFL T-Shirt(S)m/c "Logo" front-very sharp! #366: WCFL T-Shirt(M)m/c,same as 365. #367: WMET T-Shirt(M)blue,yellow-nice! #368: WMET T-Shirt(XL)yellow,black-very nice!!!

HAP BID WINNERS: Dickerson(171,193,194), Wien(176,196,215,216,225), Lilley(190,209), Bradford(172,182,191), Greeley(197,226), Ruckman(213), Meador(214), Gray(169,199,202,208,212), Shurt-ridge(186,200,204,211,229), Harrington(166,184), Matthews(168,170), Reid(207,219,221), Durrant(187,228), Bauernhuber(188,189,201,203), Warner(195), Benjamin(183), Pascoe(179), Seymour(223), Schlesinger(220), Merrill(185,192), Tekulve(198) and Huntwell(205,206)...Thank You!!!

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any 5 for \$1.00. New since last issue: Radio Aire, Radio City-194, KWAX, KSRO, WLIR(large), WLIR(small), WFJA, WMMR, WMET(yellow). We also have in stock: KOKE(large), KOKE(small), KOKE(decals), KHFI, KASE, Radio Hallam, KEKA, KFMI, CKLM, NIRE, CBE, WDIA, Roz Radio, WQMF, WXRT, NOWO, KJR, Swiss Radio International, Radio Tees, Piccadilly Radio, WAEB, KLTE, WLUP(Loop), WLUP(rock), WLUP(large), WINS, WMET, IZB, WPLR(large), WPLR(small), WDOV, KREM, Canadian Forces Network, WWVE, WPCC, WNYN, WNMI, KROY, WYSL, WWSW, WPFR, KYMS, WHAL, WKTJ, WCFL(large), WCFL(small), WDET(large), WDET(small), HCJB, Radio City, Radio France International(large), BBC-World Service, ABC-Perth, 3MF, ORF-Austria, 6WF and Radio France "50th". Also at \$.25 each are: KSYN, KMOX, WJVA, new WRCK, CKBS, WLPX, KATR, KBDF, KBDF-1280, CFMI and KING.

ADDITIONAL DIRECT SALE ITEMS: Stickers/decals at \$.50 each: BBC Radio Newcastle, BBC Radio Blackburn, BBC Radio Medway, Swansea Sound, BBC Radio One, CKVO, 5DN, Deutschlandfunk, Radio El Mundo and 3CV. The following are available at the quoted prices: WWVE litter bags \$.50, WSBT/WLJY ice scraper \$.50, WMMR book cover "Rock and Roll Animals" at \$.50 each...Sam.

ADDRESS: Send your bids and direct sale orders to Sam Barto, 460 Emmett St. B-19, Bristol, CT. 06010 USA.

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Update: Besides FRENEX, 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 FRENEX). It is only available to NASWA members.

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