

FRENDX



Auslandsdienst
auf Kurzwelle

Austria calling
on short wave

Autriche
ondes courtes

Austria
ondes

ENGLISH PROGRAMME

Reception areas	Time/GMT
North America	01.30-02.00
North America Australia	03.30-04.00
"South-...	...
Euro...	...
Ar...	...



SW-Reception Report



KW-Empfangsbericht

Empfänger - Type of Receiver:

Bemerkungen
Remarks:

VERSORGUNGSGEBIETE



SENDEPLAN

Region	Frequency	Time	GMT
Europa	240°	25-m-Br	0
Europa-Südwest	303°	49-m-Br	
Nordamerika	303°	31-m-Br	
Nordamerika-Ost	320°	49-m-Br	
Nordam.-West	270°	31-m-Br	
Mittelamerika	255°	25-m-Br	
Südamerika	238°	49-m-Br	
Südamerika-Ost	210°	31-m-Br	
Afrika-Nord			
Afrika-Ost			
Afrika-Süd			
Afrika-West			



Welcome to 62 new members joining in time to receive the January FRENEX. We hope they find their new membership to be helpful.

BALL, Jeff, Girard, IL
 BITTNER, M.A., Manhattan Beach, CA
 BLOM, Gordon F., Rochester, NY
 BLOOM, R.A., Alliance, NE
 BOIK, Ray, Orchard Lake, MI
 CALDWELL, Pete, W. Monroe, LA
 CAREY, Dave W., Denver, CO
 CINERT, Richard C., N. Judson, IN
 CLARK, Al, Martinez, GA
 CLAYTOR, David L., Madison, WI
 DIMENSTEIN, Gary S., Rego Park, CA
 EARL, James H., Triangle, VA **
 FLAX, David Allen, Long Beach, CA
 GABBARD, Robert, Livonia, MI
 GERBERDING, Steve, Elgin, IL
 GOLDBERG, Melvin, E. Windsor, NJ
 GWARDZINSKI, Vincent, Pittsburg, PA
 HEATH, Ronald G., Cerritos, CA
 HENSLEY, Baxter W., El Paso, TX
 HUGHES, Robert, Richmond, VA
 HYSON, C. Vernon, Plain City, OH
 INGRUM, Donald W., El Segundo, CA
 JENNINGS, Luther K., Winter Park, FL
 KAGEY, H. Price, Mission Viejo, CA **
 KINDER, Paul T., New Albany, IN **
 KING, Oliver, Urbana, IL
 KIRKWOOD, Craig W., Ann Arbor, MI
 KOCUR, Thomas R., Monroeville, PA
 KUNZ, Walter F., Dunmore, PA
 LeDUC, Dr. Don R., Madison, WI
 LEE, Loy W., Richmond, KY
 LINDHOUT, Priscilla M., Salem, MA
 LOWE, Robert F., Kingsburg, CA

MCCLELLAN, Scott, Battle Creek, MI
 MacCOLLUM, Mike, Indianapolis, IN
 MARSHALL, Cedric J., Toronto, Ont.
 MEISEN, Herbert J., Commack, NY
 MEYER, Kevin L., Lima Peru
 MONACO, Michael, Bronx, NY **
 MOON, Terry A., Vista, CA
 Morris, Leigh, Palmerston North,
 New Zealand
 NEWMAN, Albert, Blue Bell, PA
 NIKOLICH, Mike, De Kalb, IL
 OWENS, David, Lemon Grove, CA
 PROBST, Herbert C., Findlay, OH
 RANKIN, Robert L., Lawrence, KS
 ROOSA, Roger, Baytown, TX
 ROSSITER, Lance, Terrace, BC.
 RUDOLPH, Stephen E., Carlisle, MA
 RUSSELL, E.K., Connellsville, PA
 SHOEMAKER, Dale, Vallonia, IN
 SILVIS, Gregory Allen, Jenks, OK
 SNYDER, Scott, Camillus, NY
 STANLEY, Trevor, Flagstaff, AZ
 STORK, Michael, Gig Harbor, WA
 STRAUSS, Robert M., Columbus, OH
 TAPIA, Dr. S.C., Marion, IL
 THRALL, Richard, Marlette, MI
 TRAME, James C., Knoxville, TN
 TURNBULL, David T., Baltimore, MD
 ZACHARYA, Andrew, Stamford, CT
 ZIMMER, K. Frank, St. Louis, MO

** Glad to have you back
 after a short absence!

* * * * *

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
FEBRUARY, 1979

DON'T YOU BELIEVE: That the fifteenth annual convention of the North American Radio Clubs (ANARC) will be held in Minneapolis, Minnesota June 1st through June 4, 1979. Tom Gavaras of the convention committee called a few days ago to say the correct date should have been listed as June 22nd thru June 24, 1979. Sorry about the error.

Again we mention that a self addressed and stamped business size envelope sent to "1979 Convention Committee, ANARC", 3320 Grand Avenue South #305, Minneapolis, MN 55408 will bring you complete details.

NASWA STATION PHOTO ALBUM: NASWA member Richard D. Swanson, P.O. Box 349 Wellman, IA 52356 is a printer by trade and says he would be willing to publish a photo album of NASWA members and their listening stations. He is willing to do this IF there is sufficient interest within the membership.

He would require a black and white or good color photo of members at their receivers along with a description of the equipment, type of antenna used, number of stations logged, best catch, call letters (if any), and any other data that might be of interest.

DO NOT send photos now, but instead, drop him a post card or note to the address given saying you would be willing to send a photo if the project goes ahead. When the book is published, there will be a small charge to cover cost of printing and mailing, and the cost would have to be determined later.

SOVIET DXING: Anyone interested in keeping current with up to date frequencies and other information on DXing the U.S.S.R. stations would find it very much to their advantage to subscribe to the "USSR High Frequency Broadcast Newsletter" published by Roger Legge, P.O. Box 232, McLean, VA 22101.

This newsletter is published approximately monthly, and is only \$3.00 for twelve issues and payable in U.S. funds only.

ONE YEAR LATER: This issue of FRENEX, the February issue, marks the first anniversary of it being published and mailed from Levittown, PA by Bill Oliver. We don't want to imply that past publishers have not done a good job, but I must mention that Bill and his crew have really taken the job serious, and we hope their enthusiasm holds for a long time.

What does a publisher do? He has to sweat out receipt of ten to twelve FRENEX sections coming from all over the country and hope they will arrive in time. He has to make several trips to his printer to deliver copy and pick up the finished product. He has to address and lug to the post office over 1,700 FRENEX's each month to be mailed. Also, there is the matter of keeping up with renewals and new members being added to the list as well as address changes, and many other details that have to be coordinated. And, don't forget he also publishes and mails the mid month Update sheet.

It wouldn't be out of order for those who appreciate Bill and his crew's efforts to drop him a note of appreciation for a job well done during 1978.

MICHIGAN DXERS TO MEET: Bill Whitacre, 2609 Devonshire Avenue, Lansing, MI 48910 says he would like to host a local/regional meeting February 17 at his QTH about noon that date. Food, talks, demonstrations, etc. are promised. Write, or call 517/482-7996 for additional details.

Best regards,

M.R. Leonhardt
Executive Director - NASWA

shortwave CENTER



JERRY A. LINEBACK, Editor
P. O. Box 325
St. Joseph, IL 61873

FEBRUARY 1979

You need FRENEX to help you get the maximum enjoyment from your radio listening hobby. FRENEX and Shortwave Center need you to submit articles relating to shortwave broadcast radio. Take some time this winter to share your ideas, interests, expertise, and experiences with the rest of us. Thanks for our contributors this month. Remember, if you consider your material timely, please so indicate and get it here before the 10th of the month to be sure it makes the next FRENEX.

AUDIO FILTER

DATONG? - THAT'S AN ODD NAME FOR A FILTER!

by Bill Whitacre, Lansing, MI

And you thought all Datong made was antennas! Well, for the past year or so, the pages of the Danish Short Wave Club and other European DX clubs have been swelled with discussion about the "frequency agile FL-1" audio filter produced in England by Datong Electronics, Ltd., Spence Mills, Mill Lane, Bramley, Leeds LS13 3HE, England. It was my good fortune to have the opportunity to try one of these little gems out while in England this past summer and was rather favorably impressed, at least far more than I was with the Autek QF-1!

Since the original hooplah for the QF-1, the truly first even marginally useful audio filter within the DXers budget, it has become more of a status symbol for most, rather than a useful tool, with very few exceptions. Most of its usefulness is relegated to putting the hush on bothersome heterodynes and the like, which it does quite commendably. The QF-1 also features a rather conventional "low pass" filter which simply cuts off the highs and a peak function which operates in the opposite way to the notch feature - i.e., it accentuates certain audio frequencies while attenuating others. These other features are fine and dandy and work superlatively well on CW and to somewhat lesser extent on SSB, but are almost useless on AM modulation! With all this and the fact that the QF-1 has no pilot light to tell one when he has left the thing on or any way to conveniently take the unit out of the circuit momentarily without unplugging it, I and others, have been looking for something better suited to the DXer. I am most proud to announce to you here that the FL-1 is one giant step on the road to that ultimate end.

I had only a very short time to work with the FL-1 so will only highlight some of the more spectacular features of the unit. The first and foremost feature of the FL-1 is its, as I call it, "search and destroy" mechanism for dealing with heterodynes. This utterly revolutionary feature scans the audio range from 280 to 3000 Hz (the normal mutilated audio spectrum left when filtering an audio signal), and locks onto an interfering heterodyne's audio frequency and activates the notch function to eliminate it! Sound like an unbelievable, hand-waving bit of magic? Believe it, I've heard it work and work well. Sometimes some manual fine tuning is necessary to get the very most out of the notch, but even in the automatic mode, the interfering het is knocked down some 30-40 dB. This is very impressive to hear in action. Among the other features on the FL-1 are: pilot lamp, "lock" lamp to let you know when the auto-notch is doing its stuff, push-button switches (which take some getting used to) for most operations including variable AFC, on/off, manual/automatic operation, in/out of the circuit, and peak or notch mode. Pots take care of the volume, frequency, and bandwidth operations. This is a well constructed and well designed unit - unfortunately all is not peaches and cream. As with many European-made goods, the FL-1 has, up until recently, not been available directly in the U.S. Now, thanks to a company in "progressive" Michigan, the unit is available through its sole U.S. distributor - A R Technical Products Corp., Box 62, Birmingham, Michigan 48010, for the not so pretty price of \$179.00. This is indeed no small pittance, but the unit itself is now costing some 53 Pounds in Britain and this translates to about \$106. This is compared to the unit running some 30 Pounds when it first came out a year or so ago. These are, though, available on the British used market for the 30 Pound price tag or so, and if one has some connections in Britain, this may be the best way to get one! I know that's what I'm going to do.

The Datong Frequency Agile Audio Filter is intended primarily for post-detection signal filtering in HF and LF communications receivers for SSB and CW. It offers an unusually versatile combination of benefits to the user including:

For the SSB operator.



Fast automatic suppression of interfering heterodyne whistles in the range 280 - 3000 Hz by a unique search-lock-and-track notch filter. The tracking notch can be left in circuit with no audible effect until a whistle appears in which case the whistle will "disappear" within typically one second. This capability provides a highly effective countermeasure for the great majority of the heterodynes which frequently appear on-channel in to-days crowded LF and HF bands.

- * A continuously adjustable audio 'window' or a variable-width notch to improve reception in the presence of other off-tune SSB, RTTY or SSTV signals.
- For the CW operator.
- * Continuously variable centre-frequency (280 - 3000 Hz) and bandwidth (25 - 1000 Hz) for perfect matching of receiver passband to changing band conditions, sending speeds, and personal preference.
- * Flat-topped, steep-skirted response shape for optimum ease of tuning combined with excellent noise rejection.
- * Linear tuning law with bandwidth independent of frequency and gain independent of bandwidth for natural 'feel'.
- * Switchable AFC (automatic frequency control) to make tuning-in using very narrow bandwidths as easy as if the bandwidth were 100 Hz.

The filter is installed simply by connecting between receiver and loudspeaker. It contains its own 2 watt power amplifier.

DESCRIPTION.

Basic Filter Model FL1 uses the highly stable state-variable active filter technique. It is in effect an analogue computer programmed to generate the response of a critically coupled pair of tuned circuits but with the important difference that the bandwidth can be continuously varied without affecting the passband gain and that the centre-frequency can be continuously varied without affecting the bandwidth. The resulting flat-topped steep-skirted response combines excellent interference rejection with negligible ringing and is just as effective for filtering SSB signals as for CW signals.

Simultaneous bandpass (*peak*) and bandreject (*notch*) outputs are generated by the filter, the desired output being routed to the power amplifier by the *pk/notch* switch. The notch response has a better shape factor than that of conventional notch filters, so that useful rejection can be obtained over a broader band of frequencies with less disturbance to the wanted signal. This is especially useful when removing broad-band interference such as off-tune SSB signals or RTTY.

The complete filter is voltage tuned and uses a pulse-width modulation technique to implement a precise four gang voltage-controlled resistor. The *man/auto* switch selects a tuning voltage from either the manual tuning potentiometer or from an integrator in the automatic mode.

Automatic tuning Two phase sensitive detectors in quadrature generate control signals for automatic tuning. One produces a voltage proportional to the degree of mis-tuning and the other a logic level indicating the presence of a signal within the filter passband. In the absence of such a signal the indicator becomes a sweep generator but when a signal is detected the sweep stops, the *lock* lamp illuminates, and the integrator becomes part of an automatic frequency control negative feedback loop. The filter then remains locked to the 'captured' signal and will track it if necessary throughout its full 280 - 3000 Hz tuning range.

This automatic search-lock-and-track capability allows the routine use of an extremely narrow notch (20 Hz at -3db) which causes no audible disturbance to the wanted signal and which would be virtually impossible to tune and maintain in-tune manually without AFC.

An attenuated AFC voltage is also used in the manual tuning mode to make the filter track CW signals over the limited range of 100 Hz. This simplifies receiver tuning when using very narrow bandwidths. If desired the AFC may be completely disabled by depressing the switch labelled *a/c*.

OTHER FEATURES.

- * **Comprehensive switching.** Five independent push button switches are used to select the operating modes. Switching is 'click-free' and includes a *bypass* switch which connects the input signal to the power amplifier and allows instant 'before and after filtering' comparisons to be made. When the filter is switched off the input is directly connected to the output.
- * **'Low battery' indication.** The *on/off* indicator lamp is arranged to extinguish abruptly when the battery voltage drops below 6.5 volts, even though the filter continues to function down to 6.0 volts. This gives advance warning of impending battery failure.
- * **Input level adjustment.** The input sensitivity of the filter can be matched to the output level of any normal receiver by adjusting a preset control which is accessible from the rear panel.
- * **Quality construction.** The quality of construction of Model FL1 matches the sophistication of its electronics. The circuit uses eight bipolar and CMOS integrated circuits, six transistors, eight diodes, and two light emitting diodes. To enhance reliability and serviceability, and to reduce assembly time, all components, controls, and connectors with the exception of the headphones jack are directly mounted onto two large glass/epoxy printed circuit boards. As a result the filter looks as good inside the case as it does outside.

SPECIFIC APPLICATIONS *

Automatic Notching for SSB (*bw* fully clockwise, all buttons out). The filter sweeps continuously over its full tuning range until it locates a continuous or nearly continuous heterodyne. If the captured heterodyne has an impure note the bandwidth may need to be widened a little to fully remove it. Note: The automatic sweep is designed to halt when a signal appears in the filter pass-band. If the bandwidth is increased too far the filter will almost inevitably have signals, even wideband noise, in its passband and the sweep will be inhibited even in the absence of a heterodyne.

Manual Notching for SSB (*man/auto* in, others out). When more than one heterodyne is present the automatic notch may lock onto a heterodyne which is not the most objectionable one. In this case tune the notch manually as required. To initially locate the interference either use the bandpass mode (*pk/notch* in) and tune to hear the unwanted heterodyne, or start with a wide notch and progressively reduce the bandwidth while re-centring the notch.

* The *on/off* button is assumed to be depressed throughout this section.

CW Reception with AFC (*pk/notch* and *man/auto* in, others out). Select the bandwidth and centre frequency to suit personal preference. Normally a fairly wide bandwidth would be used while searching for signals. The bandwidth would then be reduced progressively as necessary to improve reception. When the filter is correctly tuned the *lock* lamp will illuminate except with very weak signals.

CW Reception without AFC (*a/c* above but *a/c* in). Automatic frequency control may not be desirable if the wanted signal is weak and adjacent to a much stronger signal since the latter may tend to pull the frequency of the filter away from the wanted signal.

Improving SSB in the presence of broadband interference (as for CW reception with or without AFC). Adjust bandwidth and centre frequency together for best intelligibility consistent with adequate rejection of interference. In effect a variable width "window" is being moved up and down the audio spectrum. Annoyance from off-tune SSB signals at either end of the receiver passband can usually be considerably reduced in this way.

Manual tuning will also normally be used when a wide notch is required such as for reducing interference from RTTY or SSTV signals.

INSTALLATION AND OPERATING INSTRUCTIONS.

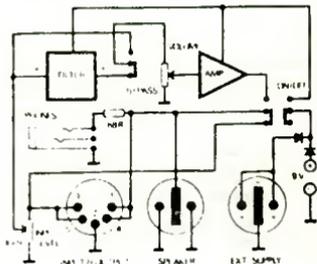
BATTERY INSTALLATION.

Remove the four feet fixing screws. The two halves of the case can then be separated. The battery should be located within the plastic guides on the main printed circuit board.

EXTERNAL POWER SUPPLY.

Model FL1 will operate from an external power source with voltage between 6.5 and 16 volts, negative to chassis and capable of supplying from 160 to 320 mA respectively (for full power output). Such a supply may be available at the accessory socket of the associated receiver. Alternatively one of the commercially available mains adaptors intended for use with portable radios may be used. If the on/off pilot lamp remains off or blinks off at high volumes the supply voltage is too low or its internal resistance is too high.

If the external supply is connected while an internal battery is installed the latter will be powered by whichever has the higher voltage - the other being effectively disconnected. If a battery is not fitted the press stud connectors should be taped down to stop them contacting the circuitry.



The above is only part of the information provided by Datong on their audio filter.

ANDORRA

ANDORRA by John Tuchscherer, Neenah, WI

Andorra is one of the smallest countries in the world. It covers only 175 square miles, or a little more than half the area of New York City. During World War II, the Germans did not conquer Andorra and the country served as an escape route for thousands of Allied troops fleeing from occupied France.

Radio Andorra overlooks the main highway connecting France and Spain. On the Pena de la Anellates stand the studios of Radio Andorra. Altitude of the station is 890 metres, but the antenna masts are set up at 1640 metres in a splendid background near the shore of Lake Engolasters.

Construction of the station was begun in the middle of 1937 and completed in July 1939. During the winter of 1937-38, the work was hampered by a blanket of snow which lasted for six months. On August 7, 1939, the first broadcast was made. Transmissions were interrupted for some months because of an accident to the equipment incident to the European War. Transmissions were resumed on April 27, 1940, on a regular basis.

The original equipment was a 60 kW transmitter on medium waves which provided full coverage of Europe and North Africa. On shortwave with a power of 25 kW, the programs were easily heard in the U.S., Canada, South Africa, and South America. The initial frequencies were 704 and 5980 kHz.

The concession granted to an old Andorran family in 1935 to build Radio Andorra grew into this fine station; in spite of countless obstacles; in spite of snow; in spite of tremendous problems of transportation and the proper use of materials. It was not long before Radio Andorra received many listeners' reports. In fact, station officials spoke of "mountains of mail."

The following informaton was included in material furnished by the station in early 1949:

"The buildings of Radio Andorra harmonize perfectly with the attractive landscape of the nearby mountains. The sentry-box, with its loopholes reminiscent of the thirteenth century, is lodged in a suitable site, and seems to protect the secrets of the valleys against the onslaught of new Saracen invasions. Under the Christian Cross -- symbol of peace and love amongst men, which overlooks the sentry-box -- Radio Andorra, the most popular broadcasting station in Europe, invariably broadcasts its dynamic concerts, hoping to arouse in all human beings a desire to write in an atmosphere of kindness and without any misgivings."

"Amidst a majestic isolation lies the slope of Andorra, mysterious mountains and valleys, whose bright legend reminds us of the Middle Ages. It is from this spot that daily to the world flashes out the familiar call: 'Aqui, Radio Andorra!'"

Andorra recently made the headlines. In October, the Andorrans celebrated the 700th anniversary of their country. Andorra is under the control of the Spanish Bishop of Urgel, Joan Marti Alanis and France's President Valery Giscard d'Estaing. These two co-"princes" attended the celebration. It was their first meeting on Andorran Soil.

But, more significant to us in the shortwave hobby is the fact that Radio Andorra is again active on shortwave. They have been heard with a Swedish program on Sundays from 2100-2200 and on other days 2100-2300, mostly in French, but with some English announcements. Frequency is reported to be 6215 kHz. Give them a try. It will be quite a thrill to add this historic country to your list of radio countries heard and verified.

2200 vs 5900

RF-2200 vs. ICF-5900W-AN ADDITIONAL VIEW

by Ben Radcliff, Ottawa, IL

In past months other SWC articles compared the RF-2200 and the ICF-5900W. While generally accurate, they left out certain details which I think should be mentioned.

The three models were both tested using AC power and a 100' long wire antenna (I say three models because two Sonys were used in the comparison). No test equipment was used, conclusions are based solely upon the author's impression of the receivers based upon several hours of use.

Both radios have separate Bass, Treble, and volume controls. While the Sony ICF-5900W has good overall audio quality, its tone controls function well. The Panasonic RF-2200, on the other hand, has relatively poor audio and the tone controls must be used often to keep the signal readable. Furthermore, the Panasonic's tone controls are inferior to the Sony.

The BFO on both receivers functions poorly, taking several minutes just to warm up and stabilize.

Tuning on both receivers is difficult and unhandy. The Sony has a 250 kHz crystal marker with 260 kHz on the bandspread. This is impractical for scan DXing, forcing you to completely recalibrate too often. Moreover, on the model tested, the 250 kHz marker was constantly off 5-10 kHz. For accurate tuning you have two choices; a) play around with the calibrator for 10 minutes until an accurate reading is found or b) (easier) set the bandspread ahead to an easily found frequency (for example, at 5 MHz, use WWV, in 25 m band, use HCJB, or on 49 metres AFRTS, etc.) and tune the main tuning dial until you find the frequency. This makes using the Sony time consuming. Once properly calibrated, the Sony, with its markings farther apart than the Panasonic, is both easier to read and more accurate.

The Panasonic has a 125 kHz and 250 kHz crystal marker with a full megahertz on the bandspread. An entire band can be calibrated in a matter of seconds, while the Sony could take 10 minutes or more. The markers on the RF-2200 are set perfectly. The variable tuning spread is handy.

The Panasonic is equipped with a RF-gain control, which functions well, and must be turned down to separate stations 5 or 10 kHz apart. Both receivers have an AFC for FM which functions adequately on both models. It doubles as a band width control on the Panasonic and should always be set on narrow. On the Sony, the AFC switch doubles as a sensitivity control and should always be on DX unless you live in Greenville.

The S-meters function poorly on both receivers, but are worth having for calibration and battery check purposes.

In regard to Medium wave and FM, the Panasonic scores a clear victory. Not only does the RF-2200 function better in reception quality, but is calibrated well enough (5 kHz low, 10 kHz high) for moderate DXing hopes on AM, while the 5900 simply has 700, 800, 900, etc.

In terms of portability, the Sony is clearly superior, both lighter and smaller. The built in antennas function as well as can be expected.

Overall, the Panasonic is superior and I would recommend it over the Sony. However, current RF-2200 owners might consider adding a 5900W with its superior tone and audio quality their shack.

HELPING HAND Wanted: A Knight Kit R-100A receiver in any complete condition. I need it for parts, if in good condition, I will use mine for parts. Please contact Robert Wirrell, 85 Stillman Ave., Brockton, Mass. 02402

Verification

RECEPTION REPORTS: SUGGESTIONS THAT MAY HELP

by John C. Onken, Roanoke, IL

Not successful in obtaining those verifications? Are you unsatisfied on your verification returns, when you write a reception report? Are you confused about knowing what the correct station address is and what to use for return postage (IRCs or Mint Stamps)? Are you disappointed when you wait for those verifications to come and face an empty mailbox? Are you somewhat upset when you see other fellow DXers easily get that verification you wanted?

Well then, here are some suggestions that may just help. First of all, a reception report that would benefit or appeal to any station needs specific information. Let's look at the main requirements for any report (English, foreign language, or Latin American station):

1. Precise frequency (Expressed in kilohertz or metres. I prefer to report both, especially metres or metre band).
2. Date and time (I suggest GMT for English or foreign language countries except local time only for those local Latin American stations. Consult the WRTVH time chart to be sure).
3. Signal quality (Use SINPO or SINFO, but comment on readability, interference, and compare their reception to other stations in the same geographic area. Offer a suggestion that may improve their signal quality. Make it short!).
4. Program details (Be specific and not long. Foreign and Latin American stations like short, specific details on announcements, programs, time checks, and identifications).
5. Equipment and antenna (Keep it short! Don't try to impress!).
6. Comments (Keep your closing comments factual and why the station and its broadcast was of interest to you. Give straightforward suggestions, be direct, but overly polite).

Second of all, now that we are past our basic requirements, we need to check the address. Are you sure it is correct? I suggest you watch the club QSL section or consult the WRTVH, or use the Gilfer QSL address book. If you are still in doubt, you may want to write a fellow DXer, who may have already received a verification from that station.

Addressing your letter to the attention of a current verification signer may help. I would not recommend it for Latin American stations however, because of their limited staff. I personally have addressed many letters to the attention of a verification signer to Latin American stations, with very little verification success. Observe the club bulletin or WRTVH for correct return postage. The use of mint stamps to some foreign and Latin American stations may help, rather than using IRCs.

Finally, here are some additional suggestions to consider before sending off your report. When writing out your reports, construct your letter so that it has an appealing appearance. By typing out your reports, or by creating your own illustrative reception report forms, your report will catch the eye of the verifier and station staff.

Enclosing pictures of your radio shack, postcards of your state, or information about your town, may help to get that verification. But, remember, anything that adds weight to your letter means more postage, so use enclosures with discretion. Another very important asset in obtaining verification success, is to make sure you have two copies of your report. Why two copies? One copy is for your follow-up, if needed, and the other is for your files. You should include a current reception report, along with your follow-up if verification is not received in a reasonable time. The inclusion of the current report will show the hard-to-verify station that you are interested in them. Be persistent, but always polite!

I can not claim I've had overwhelming success in seeking verifications, but many of the suggestions I mentioned, have worked. You will notice, as you begin reception reporting, you won't be guaranteed immediate results. Don't be too disappointed! Just be patient! Only by experience and trial and error, can we learn verifications aren't that easy to obtain.

I do hope you can achieve some additional verifications by using my suggestions. The best of success in the new year!

QSL

MORE QSL SUGGESTIONS

by Wesley Thompson, Huntingdon Valley PA

The next page illustrates a suggested way to mount those favorite QSL cards so that both front and back are visible. Mr. Thompson also enclosed a copy of the form letter that he uses for sending reception reports. He calls this one his "Pennant" letter, and it certainly should attract attention. You may be able to design one around you, your locality, or some other theme.

FRG-7000

THE FRG-7000: USER REVIEW AND SELECTIVITY MODIFICATION

by Robert L. Rankin W0NXXN
Lawrence, KS

I will leave the full-fledged reviews of the FRG-7000 to those with the proper test equipment or to those users who can compare it to other recent equipment such as the FRG-7, RF-4800, etc. To someone like myself, returning to the DX hobby after nearly 20 years absence, the receiver is a dream to operate. The digital readout is accurate to within less than 500 Hz. and the old chore of frequency determination has become "a piece of cake." Problems are few. Each time the frequency is changed there is an annoying period of upward drift before the receiver settles down, but I suppose a person can get used to that. SSB reception during this period requires constant adjustment however. Synthesizer birdies are not a major problem, and the receiver appears to be relatively free of images. The only image problem I have noticed is between 6 and 6.5 mHz., and then, only when more than one antenna is connected to the (several terminals on the) set. Strange.

The only serious problem is selectivity. The reasons for the problem are elucidated nicely in Jerry Lineback's article in the December bulletin. There is, however, a very simple modification that will permit the two filters (AM and SSB/CW) to be switched independently of the receiver's MODE switch. The FRG-7000, like many receivers, comes with automatic selectivity switching: wide (about 6 kHz.) for the AM settings and narrow (about 3 kHz.) for the USB and LSB/CW settings. The only way to get narrow selectivity with AM broadcasters is to attempt ECSS reception using one of the SSB settings. The abovementioned drift problem makes this alternative unattractive.

A cursory inspection of the upper right hand corner of the FRG-7000 schematic (switch S-2 (e)) reveals that the filters are selected simply by grounding one or the other of two wires that lead from the filter portion of the IF-AF printed circuit board to the back of the MODE switch. (The IF-AF board is easy to find: refer to the photographs of the interior of the receiver in the user's manual.) If those two wires are simply unsoldered from the MODE switch and moved to a separate toggle that is capable of switching the wires to ground one at a time, the modification is accomplished:

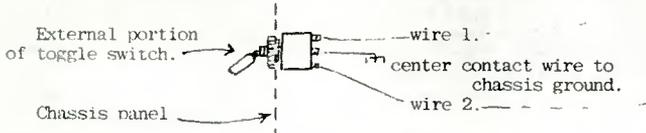
The two wires that have to be moved run from the back section of the MODE switch into a bound cluster of wires and thence to the underside of the IF-AF circuit board. One is white with a blue stripe and the other is white with a brown stripe. You will not need to unbind the cluster of wires, but you should trace the two in question from the switch to the board in order to make certain that you have located the right pair. Simply remove them from the switch using a low wattage soldering iron. Then solder enough additional insulated wire to each to reach the point on the receiver chassis where you want to place your new SELECTIVITY switch. I will not include instructions on switch installation here. If you want to maintain the integrity of the front panel, your best solution is probably to drill a small hole in the rear panel (away from where the AC line enters the set), and place the switch there: Cumbersome to reach but the receiver is still pretty.

If you are more concerned with ease of operation, I suggest using a miniature switch (available at Radio Shack and elsewhere: show them the diagram, below.) and mounting it where the tape recorder jack is installed on the front panel. It will fit exactly. This entails moving the tape recorder jack to the rear panel where it should have been in the first place, but it puts the new broad/narrow selectivity switch at your fingertips.

Why didn't Yaesu incorporate this absurdly simple and inexpensive mod into their stock FRG-7000's? If you tune in your favorite SW music station and throw your selectivity switch to the new NARROW position, you will see why. AM sounds rotten through a 2 or 3 kHz. filter. Yaesu was probably afraid of adverse reaction from unsophisticated consumers who did not have any use for better selectivity. As a DXer you do need it, and the modification described here will get it for you. The higher audio frequencies will be chopped off and there will be considerable voice distortion the minute you move about a kHz. off your station's center frequency, but you will be able to ID that weak station operating 5 kHz. from Deutsche Welle's Caribbean relay.

A few words of caution may be in order. You can perform this mod with a very minimum of electronic sophistication; a veteran SWL or novice class amateur will have no trouble. If you are not sure of your abilities when you get the cover off the 7000 and examine the components in question however, take the radio to a qualified serviceman along with this article and have him do the dirty work. If the radio is still in warranty, see if the warranty service center (your dealer) will do the job. If not, wait for the warranty to expire. Even if you prefer not to do the work yourself, the added versatility that the modification provides the FRG-7000 is worth more than the few bucks you will have to pay a serviceman.

Fig.1.



Wires 1 and 2 are the white-and-blue and the white-and-brown wires from the II-AI board. It doesn't matter which is which. When you have wired the switch, a quick check with an AM station tuned in will tell you which switch position is broad and which is narrow.

NEVER FORGET TO DISCONNECT YOUR RADIO FROM THE POWER MAINS BEFORE REMOVING THE COVER!!

IMPROVED RECEIVERS FROM PANASONIC

Panasonic

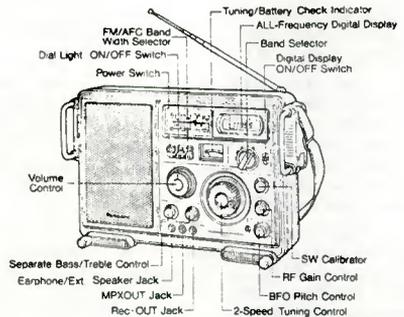
NASWA recently received notice from Ian Stolz, National Sales Manager for Panasonic, that Panasonic was introducing improved versions of the RF-2800 and 4800, to be called respectively, the RF-2900 and 4900 model. These improved receivers were to be introduced in January 1979. Production on the older models ended some months ago.

Prices suggested are for the 2900, \$279.95 and for the 4900, \$499.95.

Data sheets provided by Mr. Stolz indicate that the 2900 is essentially the same as the 2800 with the following improvements. The digital display is now green fluorescent rather than LED and IT WORKS ON AM AND FM TOO. Mediumwave DXers and FM DXers will be happy to hear this. To accomplish this, some new ICs have been added. Other features on the RF-2800 are continued on the 2900. There was no indication that there was any improvement in image rejection or selectivity characteristics.

RF-2900

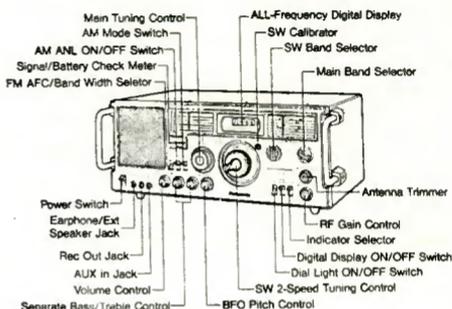
Panasonic lets you listen to what the world has to say. The Command Series SW radio RF-2900 lets you listen to shortwave broadcasts from countries around the world, as well as the USA*. And with the all-band digital frequency display, tuning is accurate down to 1 kHz. You can even set the RF-2900 for standby reception. In addition, you'll also find features like a double superheterodyne receiver system, SW calibration, and Fast/Slow tuning. It's the shortwave performance you've been waiting for ... at a price you can afford.



The improvements to the RF-4900 are similar to those on the 2900. There is the new fluorescent digital display that works on all bands including AM, FM, and SW. The data sheet boasts of a ladder-type ceramic filter but we have no specifications on selectivity as yet or if that aspect was improved. Other features of the 4900 are similar to the 4800. One of the chief gripes, other than selectivity and images, important to DXers, was the lack of digital readout on AM and FM (and on the 4800, SW) on the older models. As this latter feature is important to casual listeners as well as DXers, it got added to the new models. We would like to have reviews of the new models to publish in SWC as soon as possible.

RF-4900

Panasonic lets you listen to the world at large with the RF-4900 shortwave receiver. The RF-4900 features a 5-digit fluorescent display for all 8 SW bands, as well as for AM/FM. And with the digital display, you can fine tune down to 1 kHz. It's the sophistication you want and the performance you expect ... at a price that's just right. You'll also find a double superheterodyne receiver system, an input-tuned-type RF amplifier, PL circuitry and a lot more to let you listen to SW broadcasts from around the world ... even the good old USA.*



* You may not receive distant shortwave broadcasts with portable operation. The ability to receive shortwave broadcasts will vary with the antenna size, weather conditions, operator's geographic location and other factors.

The disclaimer shown at the right was included with the advertising material for both the 2900 and 4900!

LV del Triunfo

LA VOZ DEL TRIUNFO

by James Smallwood, reprinted from an article which appeared in ANDEX International, Feb. 1978

I ran across this rather interesting article, telling about two of Ecuador's more commonly reported shortwave stations, and felt that I should share it with the readers of Shortwave Center. Both of these stations are located in Santo Domingo de los Colorados, a city of over 7,000 people, located almost due west of the Ecuadorian capital of Quito, on the main highway between Quito and Ecuador's major port of Guayaquil. Due to the mountainous terrain between Quito and Santo Domingo, it takes about three hours to drive the 75 miles. The contrasts of these two cities are tremendous. Quito is over 9,000 feet above sea level and is cool all the year around. Santo Domingo is warm and tropical, lying only 1,500 feet above the sea, and is an area from which many of the best bananas, oranges, avacados, and other fruit are shipped to all Ecuador and other parts of the world.

One of the two stations mentioned in the article is the well-known HCOT1, Radio Zaracay, operating with 5 kilowatts of power on 3390 kHz in the 90 metre band. Any DXer, experienced or beginner, can receive this station without any trouble, provided it is between the hours of 1000 and 0500 GMT, the operating schedule. It has music of the Andes in the morning. The other shortwave station in this city, one not very well-known, is called La Voz del Triunfo, radio station HCRT1. On most of their programs, the station simply uses the name Radio Triunfo (in English, Triumph Radio).

The studios of Radio Triunfo are located on the second floor of a building which is situated on the main square, right in the center of the city. It is easy to locate when driving through the city because of the large sign on the building which says "Radio Triunfo." These studios are quite simple, occupying two small rooms; the first room is a small business office and leads to a second room which is used as a combined studio, control room and record library. The sole equipment consists of a simple mixer panel, two turntables, and two home-made tape recorders.

The station broadcasts solely in Spanish on two frequencies, on AM and SW as well. It has an AM outlet on 1260 kHz with a transmitter power output of 3 kW, broadcasting from 1100 to 0500 GMT, while the shortwave outlet, having a power output of approximately 1 kW, broadcasts on a frequency of 2340 kHz in the 120 metre band from 2100-0300 GMT. The programs which are broadcast from Radio Triunfo mostly includes the disc-jockey-type of Latin American as well as pop music with musical numbers interspersed with local announcements, station IDs, and commercials. Also broadcast are regular newscasts, sports events, and cultural as well as educational programs. An easy way to identify the AM outlet of Radio Triunfo is at 0300 GMT when a rebroadcast of the Spanish newscast from HCJB is presented. The best time to receive the SW outlet is in the evenings, between 0100 and 0300 GMT sign off, when Radio Triunfo brings in an excellent signal. Of course, what makes it so easy to hear is the fact that it is one on three Latin American stations that are on the air at this time. The others are Radio Huayacocotla, Mexico and La Voz de Atitlan, Guatemala, which sign-off before Radio Triunfo does (although these stations are somewhat erratic and may stay on until after Triunfo at times). Some may not believe that Triunfo's signal comes in so good in the U.S.A., but it does, even with its 1 kW transmitter. However, with locally made transmitters of this type, it is not always easy to determine the exact power actually reaching their antennas. The two low-power

transmitters and associated antennas are located about 7 km north of the city on the main highway to the coastal city of Esmeraldas, and these two antennas are of a simple horizontal type.

This listener doesn't exaggerate when it comes to how good the signal of Radio Triunfo really is. The music and sports events that it broadcasts make it even more enjoyable to listen to, even if it is in Spanish. I haven't dropped a line to them yet, but I've heard that Radio Triunfo has received many letters from DXers outside of Ecuador reporting reception of the station. Radio Triunfo is eager to hear from listeners outside the country who pick up their station, and that they reply to letters written to the station and even send their station pennant to those who write in. All reception reports to this station should be written in the Spanish language as they do not have any English-speaking personnel. Also, return postage is a good idea. Address all reception reports to the station director, Sr. Manuel Yanez, La Voz del Triunfo (HCRT-1), Casilla 43, Santo Domingo de los Colorados, Provincia de Pichincha, ECUADOR, South America.

Currently this is the only station from the country of Ecuador which is operating in the 120 metre band; it should be an interesting catch, so go get'em while they're still out there. (Note: Mr. Smallwood lives on Route 1, Highland Home, Alabama.)

FOCUS

Larry Magne provided some additional information provided by the Gallup Surveys. In 1973, there were 18.1 million shortwave receivers owned by adults in the US. In 1975, this was reported as 15.3 million. These figures are probably quite variable because of differing definitions of what constitutes a shortwave receiver. Judging from industry comments, there has been a recovery in the shortwave receiver market, mainly due to the direct readout receivers now available.

Larry Brookwell reports in the San Diego DXer's Club Bulletin that for the owners of a modified SPR-4 who use, or contemplate the use of a FS-4 Synthesizer, the Synthesizer gives full coverage and is more accurate than the crystal controlled SPR-4 along, but due to it's design, the FS-4 produces images on certain frequencies. Fortunately these images can be recognized for what they are by their appearance in reversed position in relation to the AM and SSB settings in a modified SPR-4. A true signal appears 2 1/2 kHz above the AM frequency when the receiver is switched to the 2.4 kHz SSB setting. An image

produced by the FS-4 appears 2 1/2 kHz below. If all but one of the crystals are left in the receiver (using the vacant socket for the FS-4 connection) the operator can escape an annoying image by switching from the Synthesizer to the proper crystal. The factory cautions that when both the crystals and the Synthesizer are used, it may be necessary to disconnect the Synthesizer to avoid overloading the receiver's crystal oscillator above 20 MHz. When the FS-4 is used along "the crystal selector switch should be kept in the socket position that the FS-4 is connected to."

David Walcutt sends in some information on a universal frequency counter marketed by Gemini Instruments Incorporated, P. O. Box 205, Larchmont, NY 10538. This is designed as an add-on for single conversion superheterodyne receivers. It has a five-digit, 0.5 inch LED display with accuracy of 1 kHz. A single 455 kHz preset is available for \$169.95 and a dual frequency preset for use with the DX-160 is \$174.95. Write to Gemini Instruments for additional information.

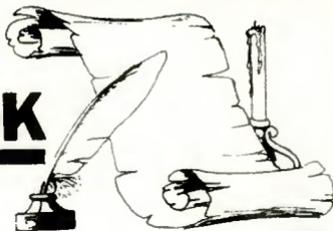
Fred Joseph, Jr., Gretna, LA, revisited the "Pits of Shortwave" article of Richard Clemens, that appeared in the December, 1978, Shortwave Center. Mr. Clemens built the Radio Shack Globe Patrol kit which is a simple regenerative receiver. Mr. Joseph points out that the selectivity of the regenerative receiver is very poor. Mr. Joseph remarks that in this age of multiplicity of powerful stations, the regenerative receiver is a poor substitute for superheterodyne receivers. If one is interested in building a low cost AM-SW receiver that sells for \$29.95, he might check into a kit offered by Edmund Scientific Co., 7877 Edscorp Bldg., Barrington, NJ 08007. Their kit has 6 transistors and a transparent cabinet. I believe one would get more educational value and pleasure building it than the Globe Patrol.

Thanks to all our contributors this month. Keep the material coming to all sections of FRENDX and your articles on shortwave related subjects to Shortwave Center.

73's until next month.

listeners NOTEBOOK

GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916



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ENGLISH SCHEDULES AUSTRALIA (Cf Dec LN-13) Since 26/11 R. Australia is using 11870 ex-11865 to SAs 1500-1730 (Alok Das Gupta, Dec IDXC1 DX Digest) This is 250 kW Carnarvon; sometimes good in NAM if freq clear (gh)

ALBANIA (oops) R. Tirana: 30 min BCs. 0430 Af 9480 7300. 0630 Eu 9500 7080. 0700 Au 11985 9500. 0930 Au 11985 9500. 1230 SEAs 11965 9515. 1400 SEAs 11985 9500. 1630 Eu 9480 7065. 1730 Af 9500 7075. 1830 Eu 9480 7065. 1930 Af 9500 7075. 2030 Eu 9480 7065 1395. 2200 Eu 9480 7065 1395. 0000 NAM 9750 7065. 0130 NAM 9750 7120. 0230 NAM 9750 7120. 0330 NAM 7300 6200. Frequencies subject to variation (BBC MS 12/78)

BANGLADESH R. Bangladesh: 0445-0515 ME/India/Pak 21685 15400. 1230-1300 Eu 21670 15375. 1815-1915 Eu 15285 11765 (BBC MS 1/79) Frequencies vary (gh) CAMEROUN LN-13

BULGARIA R. Sofia: 1830-1900 Af 17825 9720. 1930-2000 GB&I 9700 6070. 2030-2130 Af 11765 11735. 2130-2200 GB&I 7115 5915. 0000-0100 NAM 9705. 0430-0500 NAM 7115. (BBC MS 11/78)

CANADA RCI planned these tentative changes for M79 (beginning 4/3) as of last October: 0615-0630 & 0645-0700 Mon-Fri: 17860 15355 11845 11825 9655 9635 7155 6140 6045. 1545-1600 17820 15325 15315 11935 11915 9555. 1800-1830 & 1900-1930 (Af) 17820 15260. 1900-1930 17875 15325 5995. 2000-2030 17875 17820 15325 11855 5995. 2130-2200 17875 17820 15325 15150 11945 2200-2300 Mon-Fri 15325 11860 5995. 0100-0130 17865 5960. 0200-0230 9535 5960. 0300-0330 11845 9605 9535 5960. No change in xmsns not mentioned. Sites not specified (gh)

COSTA RICA TIQ, R. Casino is heard on 5960 with EG at 2330-2400 (Chris Beehner, FL, SCDX 1/9)

CHILE LVCH has reduced its EG & SP programming by 30% since October. EG now at 0100, 0230, 0400, 1100, 1400, 2030, 2330 (Emilio Pedro Povrzenic, Argentina, Oct-Dec ADXC1) Notched on 17800 QRMing Australia 17795 at 0230 20/1 (gh)

EGYPT R. Cairo: 1215-1330 S&SEAs 17920. 1630-1830 "Voice of Africa" 15255. 2030-2200 the same to WAF 15375. 2215-2345 Eu 9805. 0200-0330 NAM 9475 6230 (BBC MS 1/79) 12050: LN-13

FINLAND From Sat 20/1 Finnish International Radio to NAM at 1300 & 1430 daily, and 1330 Sun is on 15400 ex-15210 (Patrick Humphreys, FIR) Note name change! ex-R. Finland. Seems to be less QRM on new freq (gh)

GREECE VOG on new 9515 ex-11955 at 0015-0030, noted 21/12 (Bob Padula, ADXN)

GUAM (Cf Dec LN-1, Jan LN-4) KTRW at 1000 changed from 11850 to 11730 from 7/12 //15125, this info hrd 6/12 (Narendra Singh, Varanasi, Dec IDXC1 DX Digest) Now on new 11840 at 1000-1100 ex-11810 (Bob Padula, R. Australia Japanese DX Time 31/12) Jan SPEEDX

GUATEMALA TGNA in EG at 1830-0830 Sun; 0245-0430 Mon-Sat on 5955 9505 3300 (Jerry Hook, FL, INDIA AIR GOS: SEAs 1330-1500 11810 15335 (announced as 15190); 2245-0115 on 3905 7215 9535 11770 15110. NEAs 1000-1100 15190 17387; 2245-0115 9525 11815 15235. EAF 1745-1945 9715 and 15190. W&NAf 1945-2045 9755 11875. ANZ 2045-2230 9535 11740. 1000-1100 11770 15205 17705. UK & Eu 1745-2230 11620 15165; 2000-2230 9912 (AIR via Jan IDXC1 DX Digest)

INDONESIA VOI has added 15200 kHz for EG at 0100-0200 (Oliver T. Goonawardena, Sri Lanka, SCDX 16/1) RRI Yogyakarta noted 25/12 with EG news 1130-1145 on 5046; don't confuse with Cook Islands! (Syd Osterman, Ont.)

KUWAIT R. Kuwait on new 17820 ex-17740 at 0500-0800; and at 1800-2100 on 15345 (Oliver T. Goonawardena, Sri Lanka, Dec IDXC1 DX Digest) Back on 12085 now at 1800? (gh)

LEBANON R. Beirut current sked: 1830-1900 15350 Af; 0230-0300 11785 NAM (Rob Williams & Murray Dalrymple, R. Australia Japanese DX Time 24/12)

MALTA R. Mediterranean has nx in EG daily at 1830 on 5960 and 1557 kHz (BBC MS 4/1)

NETHERLANDS R. Nederland on OOB 17695 at 1830 10/12 (Jay Novello, NY) Noted 13/1 too (gh)

NORWAY R. Norway tentative M79 sked, EG Sun + GMT Mon only: 0800 17875 15135 9590. 1200 21730 17755 6015. 1400 21730 17840 9590. 1600 21730 21655 17755 15345. 1800 17755 21730 15345. 2000 21730 15175 11860. 2200 17795 15175 11860. 0000 15135 11870 9645. 0200 9645 9550 6180. 0400 9645 9550 6180. 0600 15175 11860 9645. To Nam underlined (gh) 30-min

PHILIPPINES FEBC testing new 100 kW xmtr with new high-gain antenna on unannounced 15395 in EG at 0100-0500, but it seems will use for other langs later (Alok Das Gupta, IDXC Dec)

POLAND R. Warsaw: 0630 Eu 9675 7270 6135. 1200 Eu 7285 6095. 1230 Af 15120 11840 9675 9525. 1600 Eu 9540 6135. 1630 Af 11840 9675 9525 7125. 1700 Af 9675 7125 6095. 1830 Eu 7285 6095. 2000 Af 9675 9525 7145 7125. 2030 Eu 7285 6095. 2230 Eu 7270 7125 6135 5995 1503. 0200 & 0300 Nam 15120 11815 9525 6135 6095 (BBC MS 12/78) 30 min broadcasts

ROMANIA R. Bucharest: 0530-0600 Af 15365 11830 9685. 0645-0715 Pac 17805 15335 15255 11940. 1200-1230 As 17830 15345. 1300-1330 Eu 15250 11940 9690. 1500-1530 As 17805 15250 11940. 1730-1800 Af 15365 11790 9685. 1930-2030 Eu 9690 7195. 2100-2130 7195 5990. 0130-0230 Nam 11940 11840 9690 9570 6155 5990. 0400-0430 Nam 11940 11840 11705 9690 9570 6155 5990 (BBC MS 11/78) If in Nam you have trouble getting the Nam service, try the Eu service, especially at 1300, which is in almost the same direction from Romania (gh)

SA'UDI ARABIA BSKSA Jiddah: 1100-1250 (Th/Fri 1000-1250) NE & Caf 11855 1593 and 98 MHz. 1900-2000 NE & Caf 11855 1593 and 98 MHz (BBC MS 12/78) Why Central Africa? (gh)

SOUTH AFRICA R. RSA announced it would activate 25790 as of 1/1 in 1100-1550 period, and so it did; EG except at 1200-1300; in every day here (gh)

SPAIN REE D78 sked No. 3, with penned alterations, from DX Section, 1/79: Eur 2010-2200 on 11840 9505; 2110-2200 on 7275, all from Arganda site (via Pete Grenier, CA)

SRI LANKA AWR-Asia since 2/12 is testing weekly on Sats via SLBC at 1900: 9720 & 11870 both 100 kW to ME; 15115 & 17850 both 35 kW to Af. These tests will continue till end of Feb, when regular programming is expected to commence. Tests are intended to ascertain the potential audience for regular broadcasts. Tests are in EG, "Voice of Prophecy". Tapes have been produced in AWR studios in Poona and Beirut; however, latter studio has been dismantled and is being installed at Nairobi, Kenya. Special QSL available from Box 15, Poona, India 411001 (Adrian M. Peterson, AWR-Asia Dir., via NASWA HQ)

SWEDEN R. Sweden was suffering from a jammer against RFE/RL on 9695 for the 2300 broadcast, so we recommended Sweden switch to 9690. They did so 4/1, and this has improved reception (Bob Zilmer, WI, ANARC FRC) M79: LN-13

TAINAN below

UGANDA UBC anc'd 5/1 that 250 kW Soroti SW xmtr would substitute for the out of action 7½ kW "Blue Channel" xmtr, until further notice. The 250 is thus used in EG as follows: 0300-0400 15325 USA. 0700-0715 6030 with Blue Channel relay of Red Channel nx. 0945-1030 6030 E&CAF. 1445-1530 6030 E&CAF. 1615-1650 SAF 6030. 1700-1730 6030 Red Channel. 1810-2115 15325 Tue/Thu/Sat/Sun in EG/FR to Waf. 2030-2100 9730 Mon/Wed/Fri/Sun Naf/ME (BBC MS 4/1 & 11/1; some times assumed from previous listings and from WRTVH 79)

URUGUAY SODRE IS is on 11865 and 9615 in EG at 0100-0300 (Emilio Pedro Povrzenic, Argentina, Dec-Jan MARPLA DX Club "DX-citing") I strongly suspect every detail of this report is wrong, but there it is; should be easily checked out in Argentina (gh)

U S A (Cf Jan LN-3) It comes and goes in KCEI's published schedule, but it may stay on the air, the English pgm to Lam with 50 kW on 15280 at 2130-2200. I could barely hear it under VOA Russian co-channel, a long-time 'share' that doesn't work (gh)

WYFR weekdays to Mexico is on 5985 at 0100-0300 and 0400-0500; on 6155 at 0300-0400. Weekends 0100-0300 on 5985, 0300-0500 on 6155 (Mike Baldwin, NC; John Cereghin, MD, January SPEEDX) I hadn't noticed this peculiar arrangement. Note tentative list in WRTVH 79 shows that 6155 will not be a WYFR freq for M79; Austria-listeners, take hope... (gh)

U S S R R. Moscow to GB&I at 1900-2000 has added 9600 and 7280; intended 9550 has not been confirmed. R. Kiev to Eur retimed since 1/1 from 2030-2100 to 2000-2030, on 7260 6020 5970 (BBC MS 4/1) World Service freqs currently audible in ENAm, with listed sites, include:

21615 1230-1400 Riga	15220 1100-1200 Riga	11770 1100-1800 Kiev (strong)
21575 1200-1330 Moscow	15180 2100-2300 Petropavlovsk	11755 1200-1400 Leningrad
21490 1200-1530 Baku	15150 1100-1500 Minsk (best)	11705 1500-1600 Serpukhov
15525 1200-1430 ---	15140 2200-2300 Petropavlovsk	9795 1700-2200 Serpukhov
15520 1500-1530 ---	15135 1200-1530 Lvov	9780 1100-1300 Nikolayevsk
1830-1900 ---	12070 1100-1500 Kiev	9760 2200-2300 Kingisepp
15490 1200-1430 Tula	12020 2130-2200 Central Asia	9720 1630-2200 Vinnitsa
15455 2200-2300 Petropavlovsk	11820 1100-1300 Frunze	9665 2200-2300 Ivano-Frankovsk
15305 1100-1330 Tbilisi	11790 1100-1500 Riazan	9490 1900-2200 Moscow (Dec UHN)

TAINAN (Cf Oct LN-3; as usual VOFc contradicts itself. Following sked lists neither the 0100 nor 0300 broadcasts -gh) VOFc D78: 2130-2230 Af/ME/E&WU 9600 9765 11860 15225 17720. Nam 2140-2240 9685 17890. ANZ 2140-2240 11825 (via Ed Kusalík, Ont.)

VIETNAM (Cf Jan LN-1) VOV: 1800-1900 & 2030-2130 on 15012 & 10040. 0900-0930 & 1000-1030 & 1530-1630 on 12035 & 10040 & 9840 (compiled by Pete Grenier, CA) What do you mean, "compiled"? from actual monitoring? no two VOV skeds are alike... Date? (gh)

OTHER SCHEDULES

ALGERIA A survey of Algiers domestic SW fq usage shows AR currently at 0500-2400 on 11812 10795 9705 9685 7195. The info from RTVA indicates that 13, 16, 19 and 49m channels are in use, none have so far been traced. FR svc hrd 0500-0800, 0800-1100=Fri, 1100-1700 on 9510; 1700-2100 7245; 2100-2403 on 7245 6160. Kabyle svc continues on 6160 0500-0800, 1100-1400, 1700-2100. Fri additionally at 0800-1100; Thu & Fri at 1400-1700 (BBC MS 21/12) AR also 15160.9640 (BBCMS 4/1)

BANGLADESH R. Bangladesh ES, non-EG: 0515-0545 AR to ME 21685 15400. 1115-1145 Nepalese 9720 7240. 1400-1500 Urdu to I&P 15285 11765. 1600-1630 Hindi 11765 9540. 1645-1815 Bengali to Eur 15285 11765 (BBC MS 1/79)

BURMA Since mid-Dec at the latest, Voice of Burma's indigenous lang svc on 4725 daily closes at 1445* ex-1545*. This is a regular seasonal change (Isao Ugusa, New FE DX Review 30/12)

CANARY ISLANDS REE Atlantic Transmitting Center, Tenerife now sked: on 11815 260° to C&NAm, 1400-2000 Sun, 2045-2145 daily; 15365 248° to SAM Sun 1400-2000; two 50 kW xmtrs (REE DX Section, 1/79, D78 No. 3, via Pete Grenier, CA; Ed Kusalik, Ont.)

CHILE R. Nacional in Santiago noted on 15110 and 11720 with DS pgm in SP between 0600 and 1100; SW xmtrs previously silent during this period (Bob Padula, Peter Bunn, Alex Wellner, R. Australia Japanese DX 7/1) Stn IDing as "R. Cultural International", believed to be Chile hrd on 15110 from 0900 past 1030 (Noel Green, north of England, BBC World Radio Club 9/1)

EGYPT R. Cairo non-EG BCs to the Ams: 2300-2415 PT 11715. 0000-0200 AR to NAm 6230 "Voice of Egypt". 0045-0200 SP to S&CAm 11715 9740 9475. 0200-0300 AR S&CAm 11715 9740. 0330-0430 AR NAm 9475 (BBC MS 1/79)

INDONESIA RRI Menado official sked: Mon-Sat: 2100-0300, 0330-0630, 0830-1530. Sun & holidays 2100-0630, 0830-1530. On 5990 10 kW, 3215 10 kW, 7296 1 kW (Takehara, Indonesian DX Review 16) RRI Manokwari gives this sked: 2055-2315 & 0255-0515 on 3427 & 6185. 0755-1400 on 3427. 0755-1115 on 6185. Local nx 2130, 0400, 1100. 3427 uses 1 kW Philips with delta matching 17m high antenna; 6185 uses 0.5 kW Redifon with 17m high antenna (Takehara & Wakisaka, IDXR 16) RRI-Jayapura 11943v now closes at 0615v* (Kawasaki) Opens *2055v (Wakisaka, IDXR Ed.) Note that Kawasaka and Wakisaka are anagrams; see PUBLICATIONS (gh) more LN-13

ISRAEL IBA obs with an additional Farsi BC at 1730-1755 on 7395 (BBC MS 4/1)

LAOS National Radio Pakse re-appeared since early Dec on 6595, down from 6600, now stable. Hrd in Lao at *1000-1400* except 1030-1200 minority langs; also traced in morning *2255-2330 fade out (Isao Ugusa, New FEDXR 30/12)

MALAWI (Cf Oct LN-15) The 41m MBC freq at 0600-1715 is 7140 (CMS Telegram 26/12)

MEXICO R. México anc'd that its ES in SP at 2155-0335 would change 1/1 from 15385 to 15430 (BBC MS 4/1) Confirmed, also on 11770 9705 5985 (BBCMS 11/1) Interesting to see whether 15430 usage is coordinated with VOA/AFRTS in future (gh)

OMAN BBC testing to SAs on 7275 from Masira, formerly from Cyprus with Indian vernaculars. Also from Cyprus on 6125, formerly 6140 Masira, WS 0000-0030, Indian verns 0030-0200. There may be further tests in the evening lang programme (Alok Das Gupta, Jan IDXCI DX Digest)

PAKISTAN R. Pakistan sked shows considerable changes from 16/1: The WS to SEAs in Urdu 2345 -0045 moves to 0130-0230 on 21590 17830. Iranian svc in Farsi at 1645-1745 moves to 0330-0430 on 17845 15520. WS to Persian Gulf & ME in Urdu 0500-0700 expands to 0445-0700, on 21625 17665 15520. 1715-1845 AR discontinued, but new one at 0515-0615 on 21730 17830 15325. Turki 1215-1315 moved to 0700-0745 on 15325 11885. Hindi to SAs 0830-1000 changes to 0800-0915 on 17750 15520. Tamil to SAs 1000-1045 moves to 0915-0945 on 17750 15520. Indonesian 0200-0245 moves to 1000-1045 on 21715 17895. Burmese 0045-0210 discontinued. 1215-1315 new AR svc on 21590 17640 15512. 1430-1445 new WS to Persian Gulf & ME 17640. 1600-1615 new slow speed EG to Eaf 21730 17830. Gujarati 0345-0430 moves to 1615-1700 Eaf 21730 17830. Turkish to EU 1800-1900 moves to 1630-1730 17665 15512. Swahili to Eaf 0300-0345 moves to 1700-1745 21730 17830. WS to UK in Urdu & Sylheti 1915-2145 moves to 1700-1930 on 11677 9465. No change in other transmissions (BBC MS 4/1) R. Pakistan also carrying 2nd pgm in Bengali to Bangladesh 1230-1445 on 17750 15420, ex 1345-1600 (BBC MS 11/1)

PAPUA NEW GUINEA R. Eastern Highlands, Goroka sked per QSL 2000-2200 & 0700-1300; local time thus GMT + 10 (Ed Kusalik, Ont) List on 2410 kHz; WRTVH 79 says these are the sked times of all provincial stns in PNG (gh)

SA'UDI ARABIA BSKSA Jiddah non-EG ES: 0500-0700 FR to NE & Caf 11855. 1200-1250 Turkish 15330. 1300-1350 Indo 21530. 1400-1450 Urdu 17770. 1500-1550 Farsi 11900. 1600-1650 Swahili to Eaf 21520. 1700-1800 Somali 11910. 1700-1900 French NE & Caf 11855 (BBCMS 12/78)

TANZANIA RT DS obs 19/12 with Luganda 1915-2000 6105 4785 1220 720 kHz (BBC MS 4/1)

VATICAN As of 4/1, VR adds Esperanto to Eu/NAF Thu only 0615-0630 1530 6190 7250 9625 11715 11740 15120 93.0 96.5 FM. News of Papal audiences and church news (Richard E. Wood, NH) Since 7/1, VR has begun a mass in Polish celebrated by the pope, Suns 1530 on 1175 9645 7250 6222 1530, replacing a concert pgm (BBC MS 11/1 & 4/1)

New FEDXR)

VIETNAM VOV Ho-Chi-Minh City on 6166 9622 now to 1500* ex-1600*; opens still *2200 (Ugusa),

YEMEN WEST R. San'a AR DS 0300-0700 & 1000-2105 on 4975 ex-4853 //9780. Fri continuous at 0300-2100 (BBC MS 11/1)

MISCELÁNEA RADIAL

ALBANIA R. Tirana MW xmtr on adjusted fq 1458 kHz is producing harmonic on 2916, noted regularly since 13/12, PT 2300-2325; BG 0400-0425, GK 0430-0455. Often hrd when fundamental inaudible. The only harmonic of a European MW stn I have hrd; have others been reported in NAM? Have harmonics of Nam MW stns been hrd in Europe? (Richard E. Wood, NH, 3/1)

ANDORRA A surprise on 6215.4 0335 tune in 1/1 and surely was all-night for New Year's. 0340 acoustically relaying another radio pgm in FR and, when that ancr began to speak, audio abruptly disappeared and a local studio-quality record began! I didn't hear those shenanigans again. Weaker around 0500 but 0615 up again to good level; spoken ID and jingle for Radio Andorre. Lots of QRM at 0617 from Vatican 6221.5. Andorra fq stable all night (Robert L. Foxworth, NY) AN 25/12 and 31/12, in FR with pop mx (CMS Telegram 4/1) Active daily on 6215 with no special pgms in foreign langs noted recently, only HS in Catalan and SP, obs 2000-2300 1/1 (Richard E. Wood, NH) See FUTURE PLANS, LN-7

ANGOLA I've been hearing an unID on 7000 every second night around 0515 in PT, almost Afro sounding mx; 0530 man. comes in with amnt and fanfare, then back into mx. Feel may be an Angolan, or clandestine (Aaron Hywarren, Man, 21/12) Checked 4/1, on 7001 0455 PT political talk, 0500 mentioned provincia do Bié; Afro mx; //9535 and 11955, so RNA, as IDed at 0506; think gave fgs, but missed them. Question is, is 7001 a regional or Luanda? (gh)

ARGENTINA Some Buenos Aires SW stns have been checked and these are the actual transmitting frequencies: LRS2 5986; LRA31 6062; LRX1 6120. LRK2 5704; LRS 11880. LRU 15290. (Osvaldo Primo López & Roberto H. Iglesias, Oct-Dec ADXCI) 15290 used to het VOA (gh)

R. Rivadavia hrd on 10680 with soccer in SP at 2235, good 3/12 (Harold Sellers, ODXA) On 8966 USB hrd 31/12, SIO 433 at 0130 //5882, SIO 444. No time lag that I can tell (Derek Lowe AR)

AUSTRALIA Two new 100 kW Harris-Gates xmtrs are almost ready for regular broadcasting. As of 3/1, expected to commence mid/late Jan, replacing at first, xmtrs #1 and #2, whilst building of partitions and other work is carried out. About 4-6 weeks later, new units will be used to replace xmtrs #3 and #4 for several weeks. 1, 2, 3 and 4 are the old AWA 100 kW units carrying the VLA, VLB, VLC and VLD pgms respectively. New xmtrs designated #7 and #8. Present fqs for old 100 kws in order of usage from 1800 to 1730 are: 1 (VLA) 9505 9560 21680 9770. 2 (VLB) 9600 15205 15260 9760. 3 (VLC) 9580 15180 17725 15105. 4 (VLD) 11855 15310 21525 9570 11825. The new xmtrs will later be easily identified on air by speech clipping, but this may not be used initially. 15min of tone is used before xmsn on old xmtrs, but this tone might not be used with the newer units. It is hoped that construction work will be completed in about 6 months; then it is planned to pgm all 6 100 kW xmtrs simultaneously (Robert Jones, Jan ADXN) Each of the two main xmtr valves is cooled by converting 3 gallons of water to steam, which is condensed back to water and continuously re-used, a startling contrast to older style xmtrs at Shepparton which each require some 1200 gallons for cooling. The new xmtrs also save floor space; the old require some four m² and the new equipment houses comfortably in a 4m x 1.5m cabinet. The new ones can also change between any two frequencies in 10 seconds compared to 10 minutes and are servo-controlled and completely transistorized except for the main transmitting valves. The new xmtrs operate at 29,000 volt compared with 12,000 for the old ones. Shepparton plant has a staff of about 50 people and has operated 24h a day since 1946. There are 36 aerial arrays on the 583 acre property. (Telecom Australia, via ADXN Jan)

AUSTRIA LN-13

BHUTAN R. NYAB tentatively hrd on 4690 1311-1331*, a couple of EG words in s/off 29/11 (Wed) Not to be confused with a wandering Vietnam stn occasionally on 4691a, as 6/12 at 1300 (Robert Yeo, Victoria, ADXN) Very weak at 1320 27/12, nearer 4695 this nite (Matthew Wilson, Vic ADXN Jan)

BOTSWANA Re lack of veries reported recently from R. Botswana 4845 due to 'lack of time'-- an item in Soldier of Fortune magazine by a visitor to Rhodesia, via rail thru Francistown, says very high anti-white sentiment in Botswana, also implicitly anti-West; probably the real reason for RB policy on QSLing (Robert L. Foxworth, NY) How come giving VOA site then? (gh)

CAMBODIA Phnom Penh was being heard with EG in IS on 9693/6093, but Vietnamese takeover 7/1 put a (temporary?) end to that (gh) Had been listening to EG at 1200-1230 on 9693 for a couple of weeks; poor sig but at times understandable; on 3/1 was SIO 322. Tuned in Sun 7/1 but nothing was heard and remarked to self that something had happened. Then I heard on local nx that Phnom Penh had fallen to Vietnam; nothing hrd since on 9693. Had hrd them at 2300* in language at times also (Bob Zilmer, WI) The ES sked was all on 9693 and 6093: 2230-2300 & 1030-1100 Viet; 2330-0030 & 1130-1230 EG; 0030-0100 & 1230-1300 Std Chinese, all to SEAs (BBC MS 12/78) All EG untraceable on 9693 due to jamming against RSP&P in Chinese on 9695, except at 2330. Jamming also strong around 6093 (Isso Ugusa, NFEDXR 30/12) The EG lang signal was too weak to allow full monitoring even in Bangkok (Asia Week 15/12 via NFEDXR) DS of the stn obs on 9693 since around 23/12 (Ugusa, NFEDXR 30/12) see CLANDESTINE CRANNY for info on V. of the Kampuchean People which, I suppose is no longer clandestine... (gh)

CANADA RCI's budget has been cut by \$1.5 million (RCI DX Digest 31/12) It seems that RCI will have to move out of the Maison de Radio-Canada, into a leased building where studios will have to be built. There is to be a 15% cut in RCI staff, i.e. 36 positions declared redundant. Employees affected were notified 12/12 of termination. Listeners should appreciate that RCI survives, no small feat considering that the cabinet wanted to eliminate it complete

ly (David James, Jan. REVIEW OF INTERNATIONAL BROADCASTING) RCI is advertising in the Globe & Mail for an announcer-producer, Polish section, 5 year contract; salary \$15,523-\$26,194 (Tony Clift, Ont.)

CFCX 6005 Montreal was silent between 24/12 and its return 6/1. Reason unknown; would hate to lose it permanently (Richard E. Wood, NH)

CFRB hrd on 9090 at 2200 6/1 with sports, //6070, SIO 232, hrd on both receivers with different aeriels. Don't see how this could be a harmonic, so what? (Bob Zilmer, WI) I don't see how it could be anything but a harmonic, 9 x 1010; also hrd by me & others (gh)

CHNX 6130 has a window open at 2330-2400 with no co-channel QRM; a good opportunity to log it in western NAM (Pitt McNeil, Washington DC, TDXN) Now that's a useful tip! (gh)

CHINA Time signal stn BPV Shanghai very loud & clear 2230-2231 1/1 on 10000 with CW ID over and over for 1 min; at same time 6/1 I hrd LOL, MSF, BPV all under WWV 10 MHz and previous week JFY CW/voice ID at 2229:30-2230, fair. Someone is still leading by half a second here (Robert L. Foxworth, NY)

COLOMBIA On 2160 kHz, LV de Sudamérica, Bucaramanga, 0040-0400 SP, ID as member of La Cadena Líder de Sudamérica; booming 13/12, 2 x 1080 (Richard E. Wood, NH) Is new stn on 1080 with strong harmonic on 2160 (SWNS Jan) Hrd all-night 25/12. WRTVH 79 lists HJPF LV de Sudamérica, Bucaramanga, reported on 1160, nominal 1080; while another HJPF is on 1080, reported on 1160, R. Antena, Florida Blanca (gh)

2860, Antena de los Andes, Líbano, 0400 SP Todelar and local ID, 2 x 1430, 13/12 (Wood) On 2860 around 0259 26/12, "Todelar Radio Continente" ID hrd at end of musical pgm; obviously not the harmonic of R. Continente (Jan SWNS)

3115, La Voz Comunal is new stn from Tuquerres, hrd with rancheras, Andean mx 2300. Ecos del Atrato has reactivated 5020, hrd *1045 as Todelar stn (Fernando Arenas, Bogotá, SCDX 2/1) 4838v R. Tamboral, party atmosphere, many new year wishes, IDs, slogans, varieties of wild Colombian mx; good tho very low audio; QRM from Valera 4840. Apparently same outfit as the old Ecos de Puerto Martínez, judging by WRTH and other sources (Pitt McNeil, DC, 1/1, TDXN)

Don't recall seeing this one reported before. 1979 WRTVH has it inactive on 4835 with 1 kW from Río Sucio (Dirty River) (gh)

1865, R. Sutatenza can be heard regularly on unlisted fq, under DW, until 2300, test xmsns? On 23/11 there was a pgm in the "Tribuna Libre" series with the help of the DW Listeners Club of Medellín, producing a QRM among Colombians (E. P. Povzrenic, Argentina, MARPLA DX Club) I'll bet this is what happened!: Antigua was picking up DW feeder on 5105 and some of the Sutatenza 5095 signal got relayed too (gh)

COSTA RICA R. Reloj was on 6032 instead of 6006 on 4/1 and 5/1 //4832, leaving 6005 open for maybe Sri Lanka around 1000, but Reloj back there now (Jerry Berg, MA) Over AFRTS, on 6032 4/1; must have been xmtr foul-up; not on 6032a or 6006 5/1; back on usual 6006 6/1 (Jack Jones, MS)

CHILE LN-13

ECUADOR Ondas Cañaris, 5046, Azogues, heard most AMs, finally IDed 22/12 when *1057. Cut off ID and went into regular opening religious pgm, fades by 1110 or 1115 (Jerry Berg, MA) 5045, noted 11/1 1116, positive ID, Ecuadorian mx; finally got ID after several weeks effort; SIO 242 (Jack Jones, MS) R. Federación, LN-13

EGYPT R. Cairo hrd on 12050 at 0200; maybe old 48mb xmtr; also 10005 at 0200 (Richard Varron, NJ, Jan SPEEDX GRAM) Date? Languages? (gh)

FINLAND LN-13

GERMANY EAST Stimme der DDR, Kbnigsusterhausen, 7185, from 0125 on 14/1, international pop mx--disco, Beatles, Plastic Bertrand; 0159 amnt of a "Nachtprogramm von Stimme der DDR". Intro nx 0200 as per 78 WRTH; list 5 kW. SIO 433 until 0250 when reduced to 412 due to BBC WS s/on. Could this be DDR's answer to Sudwestfunk? (Jay Novello, NY)

GUATEMALA R. Miramundo is not on SW; and R. Santa Cruz operates on MW as R. Quiche (Juan Fidel Lepe Juárez, LV de Nahualá pgm dir, via Stu Klein, FL, 2/1) LV de Atitlán, 2390, has increased power from 300 watts to 1 kW, accounting for recent reception here in Toronto, overriding the Mexican (CMS Telegram 26/12)

GUINEA BISSAU Rdif. Nacional has not been heard for some time on any of their SW outlets. No sign of stn after monitoring for a week at 0600 on 5041, 4780, 4970, 7150 (CMS Telegram 26/12) Still missing; possibly off the air (CMS Telegram 12/1)

GUYANA LN-13

HAITI (Cf Jan LN-9) 5641 kHz station is La Voix du Nord, Cap-Haïtien, not a harmonic, ex-6030 as listed in WRTVH 78 (Ron Schatz, Dominican Republic, 2/1) I think the 1979 WRTVH may resolve this contradiction: On 1410, of which 5641 is almost the 4th harmonic, is listed a 200-watt station, La Voix du Nord-Ouest, Port-de-Paix, 1200-1700, 2300-0200. Tnx to tip from Derek Lowe, hrd again here 13/1 around 0100, strain level but definitely French (gh)

6156 (Cf Jan LN-9) Don't you believe that I still believe the stn is R. Nationale. As stated in UPDATE, I believe that R. Citadelle is relaying R. Nationale, on Sat only, when the only IDs hrd are for Nationale, 4VRD (S. David Klein, FL, 13/1) Lest this one be considered totally solved, I hear ID for or mention of La Voix de l'Ave Maria at 1130; tho listed as a separate MW stn, back in 1970 this one used to be a pgm broadcast over R. Citadelle, and maybe still is. Seems that 1130 is opening rather than closing of an Ave Maria segment, but not sure. On 16/1, R. Citadelle switched on 0945 with no amnt, right into romantic SP numbers. ID 1003 as part of intro to daily intl nx pgm; Sun s/on seems around 1030 (Jerry Berg, MA) more on both stations, LN-13

INDONESIA; HUNGARY LN-13

2912, R. Voix du Nord, Cap-Haitien: 0230-0330 FR, many clear IDs, dedications, FR, IA and US mx, all-FR, no Creole, presumably 2 x 1456 but fundamental unheard, 14/12 (R.E. Wood, NH)

KENYA Nairobi, 4804, VOK on late 24/12 2100-2115 EG, nx, xmas greeting and midnight mass from local cathedral (Syd Osterman, Ont)

KUWAIT R. Kuwait on new 9840 in AR 29/12, tirade, SIO 354 (Jay Novello, NY, SPEEDXGRAM) time

LEBANON V. of Lebanon, 6550, been hearing since Nov at *0450; fair, but better in mornings at 1500 (Aaron Hywarren, Man., 21/12)

LIBYA Tripoli noted on new 7120, with General AR pgm 1500-1530, excellent (Peter Bunn, Vic., R. Australia Japanese DX Time 7/1)

LUXEMBOURG R. Luxembourg in German 2/1 at 0927, DJ pgm, pop mx, ID, SIO 252. Has been audible before and after this time for past few weeks around winter solstice (Jack Jones, MS)

MALI Good in FR w/US & Afro pop mx, some classical on 5995, Suns around 2130; and at times even earlier (Steve Webster, Ont) On 11965 Mon 25/12 at *0759 in FR, anthem; not Sun only as in Dec LR, unless this was a holiday special (gh)

MEXICO Didn't escape cold weather by a trip to TX, but did discover that R. Universidad was active on 9600, 9/1 and 10/1 around 2030, classical; 2100 nx; on 9/1 was only stn on band (Gerry Bishop, TX) XEWW remains active, apparently nightly, on 15160; modulation varies--good 3/1, poor 23/12; noted 0000-0400 (Richard E. Wood, NH) (Cf Nov LR-A) 2540, XEGL, Navojoa, Sonora, 2 x 1270, Mexican romantic mx, 0200-0210; primary not audible (Owen Williamson, Canutilo TX, Jan NNRC)

MONGOLIA (Cf Dec LN-7; Jan LN-6 & 9, LR-B) We now have word on two new stns in Altay city and Choybalsan city; and two new SW freqs, 4850, and now, 4995--but which is which? (gh) 4995 Ulan Bator first hrd 22/11, and daily since; at first suspected USSR, as Russian 1400, but no time check; 6/12, RM IS at 0929, into Mongolian relay; //5053. Obviously new stn in Altay; better modulation than other U-B stns, 4080 4763 4950 5053; has anthem and 1502* (Jim Young, CA, 9/12, TDNN) I assume Jim wasn't aware of 4850 and Choybalsan at this point (gh) R. Moscow reported 24/12 that the Mongolian State Commission had formally accepted a new Soviet-built stn in Dalanzadgad, southern Gobi region, to relay U-B programmes. No further details given, but it is thought that the new stn may operate on 209 kHz longwave (BBCMS 4/1)

MOROCCO (Cf Jan LN-8 SOUTH AFRICA) Believe I may have been wrong about Algeria being the reason for R. RSA's move off 15155 rather than Morocco (Richard E. Wood, NH, 11/1) For the record, I considered possibility that it might have been Algeria, but all evidence pointed to Morocco--as observed for several days following appearance 14/11 in 0200-0300 period. No automatic time pips as Algeria uses; "Magrebiyah" frequently mentioned; respectable modulation unlike Algeria's distortion and tininess; have not noticed many FR words in AR-lang conversation on 21735, as is the case with Algeria; frequency stability was within 3 Hz of RSA, something Algeria lacks the means or interest to accomplish; Morocco is supposedly registered with ITU for 15155, not Algeria, tho recently reported on 15160 and they could have drifted through the 15155 region; and the signal was far, far stronger than anything I have heard from Algeria (David L. Walcutt, TX, 16/1)

NICARAGUA Sandinista guerrillas blew up Pres. Somoza's radio station Wednesday night in Managua. The station was completely destroyed--but no one was hurt. The station is about four blocks from the US embassy (UPI 4/1 via Tom Gavaras, MN) I believe this refers to Somoza's personal property, Estación X, mediumwave 750, rather than Rdif. Nacional, belonging to his govt, as if there were any difference, which I think I have heard since then, tho it has been missing from 5945-5950 lately as it was before the blast (gh)

NIGERIA FRC anc'd that as from 1/1 it would cease to broadcast ads. This affects mainly FRC's Second Pgmme in Lagos and stns in Enugu, Ibadan, Kaduna (BBC MS 11/1)

PAKISTAN R. Pakistan on 21515 ex-21520 //17640 at *1330 in various langs (Bob Zilmer, WI) BBC MS new sked post 16/1 showed 21590 for WS at this time (gh)

PHILIPPINES LN-13

RHODESIA/ZIMBABWE Letter to editor in Soldier of Fortune magazine says "mail to Rhodesia is being intercepted and destroyed by Black American postal workers." I have not seen this reported elsewhere (probably due to low volume of mail there in the first place) but given the militancy of NY area postal workers, cannot discount this (Robert L. Foxworth, NY)

SA'UDI ARABIA Strange to hear them on 5028.5, 25/12 from 2025 tune in with mostly AR singing and very professional sounding amnts in between; apparent play 2110-2120, ID 2131. Most powerful signal on band (Jerry Berg, MA) Wonder if a sub-harmonic of 15 MHz varying (gh)

SOUTH AFRICA R. RSA did pull off another New Year's Eve all-night worldwide call-in program "Sing-In 79", as announced a few days prior. Began at 2152 on 11900, later added 15220 and 9610 when channels cleared. Ancr said it was 'non-political' at outset, but next day on news R. RSA was milking it for propaganda value, inferring that numerous calls from USA meant approval of S. African policies. Most calls were not from familiar names, but I did hear Tom Gavaras (gh) And Alleman (Jerry Berg, MA) A more detailed analysis of this special pgm will appear in the February REVIEW OF INTERNATIONAL BROADCASTING (gh)

UKOGBANI BBC WS is offered as one channel of a 25-channel service for FM receiver connection by Rogers Cable in Toronto (Harold Sellers, DX Ontario) Any US systems doing this?? (gh) Some 13/1 harmonics: Woofferton VOA 30470 1400 Uzbek, 30390 1405 Georgian; 2 x 15235 & 15195

resp.; correlated well with BBC 30140 fade-ins, 2 x 15070, the VOA listings are unreliable. 30280, BBC "V" IS at 1441, 2 x 15140 1st Russian 1445-; also on 30780 eastern Euro lang at 1443, 2 x 15390. BBC WS also hrd 13/1 at 1810 on 19455 SSB feeder to Ascension, the best BBC fq for a few minutes until 1815 when FR was added on the other SB (gh)

U S A An American SW station, the VOA, will add its 37th language tomorrow, Hausa, spoken in Nigeria and other parts of W. Africa (R. RSA news 20/1) Planned for some time, but took them a while to find qualified staff, Paul Modic indicated at ANARCon 78 (gh)

A very unusual stn was heard at SWNS HQ on 1610 kHz 13/12 from fade in around 2330. It became partially readable at 0010 with a documentary on Sioux Indian revolt. That same documentary was being aired at 0325. This was apparently a TIS (travellers' information service) stn at some historic site, in South Dakota?? But if so their antenna has not been set up properly as a TIS station is supposed to radiate virtually no skywave (SWNS Jan) And with power in the milliwatts. Very interesting! A good freq to watch for a growing number of other such outlets, e.g. in Smoky Mountains National Park, TN-NC (gh)

(Cf Jan LN-10 CHINA) China has stopped jamming the VOA and is apparently encouraging students to tune in as a way of learning EG. VOA Dir. R. Peter Straus said the agency is receiving 50-60 letters a day from listeners in China requesting specific programs (UPI via Houston Chronicle 3/12, via David Walcutt, via Jan. RIB) VOA used to get 3 or 4 Chinese listener requests per month for an English language course pamphlet, but mailed requests received in Hong Kong in 11/78 averaged 50 or so a day (Straus, via Jan ADXN)

(Cf Jan LN-8 USSR) Actually, the only 500 kW VOA is one configuration via Greenville, rarely used; likewise the 500/1000 kW configuration at R. Liberty, Spain. So, technically, the US does have 500 kW units, but only a couple (that are actually 2 x 250 kW). By contrast the USSR has at least two dozen and is adding, whereas the US plans are for 100/250 kW units only for the foreseeable future. There are reliable reports the Soviets are using 2 x 500 kW to produce 1000 kW in certain situations (Larry Magne, PA) U S S R - also LN-13

VENEZUELA While Costa Rica was off 6006, beautiful sig from R. Los Andes on apparent 6009.5 with guitar anthem at *1000 4/1, *1007 5/1, then opening amnt with "April in Portugal" in background. Mentions R. Los Andes at s/on, but most IDs thereafter are Mil Cuarenta. No calls or frequencies are announced (Jerry Berg, MA)

VIETNAM Hanoi logged on 4943.9 at 2200 7/1 with fair signals, soon faded; have hrd 4753.2 in the 2130-2200 slot every Sat/Sun tried for past two weeks (Robert L. Foxworth, NY, 8/1) Short-path (gh) unID Vietnam stn on 6280 hrd again 20/12 around 1035; not //Hanoi first net. (Isao Ugusa, New FEDXR 30/12)

ZAIRE Kinshasa on new 9768, in FR 2200-0200; also hrd on 11799 in FR 2030-2100 (Bob Padula, R. Australia Japanese DX Time 7/1) 9768 maybe move from 15350. 11799 was 28/12, used now. 11795 several years ago (Padula, Jan ADXN)

FUTURE PLANS ANDORRA Regular broadcasts from "R. Scandinavia" have been postponed until a 10 kW SW xmtr has been installed at R. Andorra, possibly in 4/79; to upgrade reception in target area (Finn Krone, DSWCI, via Jan ADXN)

BRAZIL RNB's new xmtr building is under construction. The first of five expected xmtrs will be ready in spring 1979 to go on the air. A new power stn will be erected at Brazlândia, sufficient for 7 x 250 kW xmtr usage (July 1978 WWDXC) I misquoted Jonathan Marks, Jan LN-13 --he said RNB IS was to resume in May 1979 (gh)

CHINA (Cf Jan LN-10) R. Peking announced that the State Council of China had decided to use China's phonetic alphabet (Pinyin) to standardize the Romanization of Chinese names and places from 1/1. The phonetic alphabet will be used to spell out Chinese characters according to the standard Peking pronunciation. Since it has been agreed that there should be a transitional period in the adoption of the new spelling system abroad, R. Peking has decided it would continue using the old system in its external services for the time being. The change-over to the new system will be announced later. BBCMS will use Pinyin from 1/1 to spell Mainland Chinese personal and geographical names, except that Peking, Canton, Inner Mongolia and Tibet will remain as they are and will not be rendered as Beijing, Guangzhou, Nei Monggol and Xizang. Some historical names will also remain unchanged (BBC MS 4/1)

ECUADOR HCJB's new tropical band freq is tentatively 3220, for a 10 kW xmtr carrying regional services in SP & Quechua; hoped to have on the air by 5/79 (DX Party Line 4/1)

GERMANY WEST RFE/RL are planning to construct 4 x 250 kW SW xmtrs at Holzkirchen to replace some old 10 kW units in use since 1951 (July 1978 WWDXC)

ISRAEL In reply to a letter I wrote to Mr. Grayevsky, the Dir. Gen. of the Israel Broadcasting Authority, he informs me that a major effort is being made by the IBA to expand transmission hours. As a matter of fact, members of the Israeli Cabinet intervened personally in order to bring about the desired change, and I am hopeful that such a change will occur shortly (Arthur Avnon, Vice Consul, Houston, 11/1 letter to David L. Walcutt, who had written the consulate urging that IBA begin evening broadcasts to NAM convenient for CST listeners)

LESOTHO BBC plans to set up a xmtr here in 1979 to serve southern Africa (BBC WRC 31/12)

MEXICO R. México plans to bring EG xmsns within 3 months (Dec SPEEDX via Steve Webster, DXO)

MONACO TWR plans to raise power of two 100 kW xmtrs to 500 kW (July 1978 WWDXC)

NETHERLANDS R. Nederland's new SW xmtr plant will be west of the domestic service stn near Lopik: 4 x 500 kW xmtrs, costing 60,000,000 guilders (July 1978 WWDXC, via Warren G. Martens)

NICARAGUA Verie says that Rdif. Nacional intends to begin operating soon a new 100 kW xmtr on 11875; this should really blow out my speakers as 50 kW on 5950 is already the strongest stn heard here in the 49m band (James C. Clifford, Tacoma WA, 12/78) Per QSL, Rdif. Nacional now operates a 100 kW xmtr on 11875 (Francisco Martínez y Martínez, Madrid, Spain, SCDX 2/1) I'll believe this when I hear it; they've been saying this for some time (gh)

SWITZERLAND Three new 30 kW SW xmtrs are under construction near Geneva for UN Radio (WWDXC July 1978 via Martens) No sources given for these items, but suspect EBU (gh)

U S S R The Soviet Olympic Committee intends trying to bar RFE/RL from covering the 1980 games in Moscow, the Soviet sports minister said yesterday. Sergei Pavlov told the West German news agency, "everything will be done to prevent their presence." The executive dir. of the US Olympic Committee, F. Don Miller, said the USOC will support credential requests from RFE and R. Liberty. The International Olympic Committee banned RFE from the 1976 Winter Olympics in Innsbruck, Austria, but issued credentials for both it and R. Liberty for the Games that summer in Munich (Nancy Scannell, Washington Post 4/1 via Bob Foxworth, NY)

VENEZUELA The Argentinian news agency "Latin" reported 9/1 that the V. of Venezuela station being installed by the govt with a 1000-kW xmtr and antennas beamed to the Caribbean and Andean Pact countries, would broadcast pgms in Dutch, English, French, Portuguese and Spanish. Per the Info & Tourism Minister, the stn may be operating in Peninsula de Paraganá in mid-1979 (BBC MS 11/1) No freq given, but suspect medium-wave (Richard Measham, BBC MS, BBC WRG 17/1) I've seen a report somewhere that it is the megawatt MW xmtr formerly installed in Costa Rica (gh)

W A R C 7 9 The NAB makes these recommendations to the FCC re the 1979 WARC. A low-freq BC service in the 115-190 kHz band should not be considered--this would not be in the public interest since new rx's would have to be built, and it would lead to request for super power service with a myriad of technical and interference problems. The AM band should not be expanded beyond 525-1805 kHz, the NAB also stated, since the FCC, with NAB support had already proposed adequate expansion of the AM band to permit 21 additional 10 kHz channels. NAB also rejected the suggestion that 530 and 1610 kHz be reserved exclusively for TIS. Instead, should be shared with broadcasting on non-interference basis with TIS. NAB also said that sharing 1610-1805 with fixed, mobile, and radiolocation would cause great QRM with AM services and should not be considered, but non-interference sharing at 1805-1860 kHz should be allowed (Broadcast Engineering, Sept. 1978, via SWNS)

CLANDESTINE CRANNY

Voice of the Kampuchean People, Cambodian lang, on 760.7350 9753, broadcast continuously from 2056 7/1 to 1700 8/1--repeated anmts of the 'liberation' of Phnom Penh, appeals by the president of the "Kampuchean National United Front for National Salvation", policy statements and special music pgms. At 1702, after a pause of 2 mins, returned to the air with declaration on the formation of the People's Revolutionary Council of Kampuchea, the policies to be immediately applied in the 'liberated zone' and mx celebrating the 'brilliant victory'. However, went off the air abruptly 22 mins later at 1724. VOTKP returned at 2330 with its sked pgm and xmsn ended at 0036 9/1. Next obs at 1100: "This is Phnom Penh, the Radio Voice of the Kampuchean People". It went on to state it would air special pgms continuously 2200-1700 and listeners were invited to spread the word to all their friends. VOTKP continues to BC on same fqs as used prior to 7/1 (BBC MS 11/1) VOKP wavelengths are 38.60, 39.80 and 395 m (Voice of Vietnam 10/12 via Bernard Chenal, France, New FEDXR 30/12) Equivalent to 7770, 7540, 760 kHz (Chenal) VOKP began 3/12 on 30.60, 40.80 and 395m (Nhân Dân 11/12, NFEDXR) Equivalent to 9805, 7355, 760; however first hrd 19/12 on 9753 at 1200-1230 (Isao Ugusa, NFEDXR) Per New China News Agency 6/12, a "Kampuchean People" radio stn is located within Vietnamese territory between Loc Ninh and Tay Ninh. Besides VOKP of the KUFNS another anti-Kampuchea, pro-Vietnam cland stn has been reported, Voice of Kampuchean Revolution, in the region of Kratie, toward Kompong Cham (in Kampuchea) Analysing sundry recordings of Hanoi, I suppose a cland had operated before birth of KUFNS, "Voice of Kampuchean Peoples' Revolution". Probably this is the stn that spoke with a name of Nam Samouth (Chenal, NFEDXR) A Kam. cland, over which Nam Samouth appealed to Kam. people to rise against Pol Pot clique, is broadcasting on SW, apparently relayed by Vietnamese xmtr (AFP Bangkok 21/10 via S.E. Asian Monthly Oct, NFEDXR) An AFP correspondent in Hanoi reported 24/10 that some info indicated this cland is in the same place where S. Vietnam NLF (Liberation Radio) had existed during the Vietnamese War. AFP indicates the place is in the Kampuchean border area, a few km from Tay Ninh province of Vietnam (S.E. Asian Monthly Oct, NFEDXR) The KUFNS set up not only a radio stn, but a news agency, SPK (Saporamean Kampuchea). SPK transmits news daily on 8864 kHz at 0400 GMT, and on 9255 at 1430 (Nhân Dân, 4/12, NFEDXR) The formation of a Viet-Cong style united front and setting up a clandestine radio stn have been in the cards for quite some time. Since no individual in Kampuchea today can possess a radio set, the effectiveness of the broadcast will be limited. The Front may have to rely more on leaflets and whispered propaganda (Far Eastern Economic Review 15/12 via NFEDXR)

Voice of the Revolutionary Party for Reunification, believed in N. Korea BCs to S. Korea: 1000-1400 in KR 4557 4120 1053; 1400-1430 EG same. 2000-2230 KR 4557 1053 incl relay of Pyong

-yang domestic service at 2200-2230; EG at 2230-2300 on 4557, 1053 (BBC MS 12/78)

Iranian clandestine Soviet propaganda has been active in encouraging opposition to the Shah. European intelligence organizations have located a Soviet stn broadcasting in Persian and local dialects from the southern Soviet Union. During the last two weeks the stn has beamed instructions on how to organize demonstrations, highly colored descriptions of riots and lessons in the manufacture of guerrilla weapons such as grenades and gasoline bombs (NY Times 28/12 via Bob Foxworth) Hear anything odd on 4785 lately? I did, for about two days a couple of weeks ago. Now around 2100-2200 Baku should be here. And indeed, maybe it was. But I heard what was definitely religious programming, wailing and all. Subdued ancrs and mx. It all began to sound very much like NIRT-Iran! But not //9022/15084. My hypothesis: The few days I hrd this were the high point of religious observances in Iran, and a high point in tensions between the govt and the demonstrators. Several anti-Shah groups are probably tied in closely with all this, and operate various clandestine radio stations, from Baku! And just suppose the benevolent folks in Baku decided to lend their 4785 outlet to the Tudeh, say just to put a little more inflammatory stuff on the air? (Richard Stoller, NY, 28/12)

Radio Freedom of South Yemen, 9954, seems to have extended s/off from 1900 to 2002*, hrd 29/12 and 30/12 1920-2002* in Arabic, ME songs, Koran recitations, anthem (Pitt McNeil, TDKN)

Revolutionary Voice of Zimbabwe pgm began via V. of Rev. Ethiopia 1/1, Mon-Fri 1800-1845 on 9615 in EG, Ndebele, Shona (Voice of Nigeria, via BBC MS 4/1) Observed with brief recording of machine-gun fire and : "Workers and peasants! Fighters in the People's forces, all patriotic Zimbabweans from the Zambezi to the Kimpopo! ...the Patriotic Front brings you a pgm of news and comment on our struggle and the worldwide struggle for freedom, independence and social justice". Revolutionary songs were interspersed with news and commentary in the three langs. During the 2/1 xmsn, the Sec'y Gen'l of the ZAPU urged listeners to listen to the radios of Angola, Maputo, Moscow and Addis Ababa to follow the progress of the war (BBCMS 4/1) Further obs of anmts show the pgm is BC on behalf of the Patriotic Front of Zimbabwe to 'com bat forces in and outside Zimbabwe' (BBC MS 11/1)

Voice of the Namibian People Obs 28/12 and 1/1 in EG with material hostile to SWAPO, in EG. Fade-in on 7180 around 1730-1745* Commentary interspersed with recordings of western popular mx. "SWAPO is not representing Namibia at all" and such (BBC MS 11/1)

UN Anti-Apartheid Program R. Moscow EG to Af 28/12 at 1630-1730 contained a recorded statement by the Pres. of the ANC of South Africa. The 2½ min recording was announced as being a tape put at R. Moscow's disposal by the UN. This is the first time that UN material has been noted in R. Moscow EG services tho FR to Africa announced 9/12 that it intended to make use of such material (BBC MS 4/1)

MPAIAC Address of Movimiento por la Autodeterminación y la Independencia del Archipiélago Canario, which sponsored broadcasts via Algiers is B.P. 216, Alger; or 56 bis Rue Khelifa, Boukhaffa, Algiers (July 1978 WWDXC via Warren G. Martens, NY) R. Sandino LN-13

Numbers The one on 4990 was hrd about a year ago, so has been active for a while. I'm hearing one lately on 4882, seeming in Czech as it sounds like the one I had on 3364 and you played on DX Jukebox a while back. Says "nula", etc. 4882 usually hrd around 0630-0700ish, and fairly frequent at least in Dec (Robert L. Foxworth, NY, 8/1)

R. Free Naptown, Indianapolis IN--the former chief operator of this pirate station committed suicide last summer (Jan SWNS) Who? (gh)

"WENJ" noted back on 1615A from 0420A 1/1 with IDs, records, New Year's greetings. First time this pirate hrd in a couple of years. If it is the original WENJ, should be in NJ (SWNS)

"WFAT" (bogus) still operating, at least sporadically, tuned in at 0637 1/1 plugging first birthday. "Hal Hall" acknowledged not QSLing called-in reports from a year ago, mine among them, and promised to send them out. Anc'd 1620 but was on 1615, first time ever hrd here, and significantly drifted up to 1615.4 at 0711 and, with weaker audio, strongly suggests use of a different xmtr than previously hrd. Again 4/1 *0630 this time on 1626.9, usual better strength, better audio and again slow downward drift. Took a few local phone calls, discussing NY radio personalities, and ancr "Larry McCray" this time, promised overdue QSLs 'in a week'. Location still, circumstantially, seems south Brooklyn (Robert L. Foxworth, Mineola) WFAT hrd on 3240, 2 x 1620, 6/1 at 0906, fading in and out, and pretty much gone by 0930, but when I tuned down to 1620 there they were with a very good signal indeed. Call ins, IDs, TCS, rock mx, anncr Larry McCrae. Used 212-664-9979, 372-9906. Said they were on 'sporadically' but judging from calls they have some regular listeners, and some very far out listeners. Ran to 1100* on 1620. Also 12/1 on 1620 and weakly on 3240, 0915. Called 'em, and "Larry McCrae" said they are running a little less than 100 watts, but not really sure. Hrd several times lately; seems pretty regular on weekends; one day to 1230* (Jerry Berg, MA) Voice of the Voyageur announced 26/12 that reports to FAT radio should be sent to VOV (Webster, Bolitho, Osterman, ODXA)

6420/6115 kHz So. Cal. pirate LN-13
KDOR Fun Radio 83AM, Dorwart Broadcasting Co., (213) 469-9933, Hollywood CA. We are on the air two or three times a week, almost always after 6 PM. We are still in the process of filing for our license for California, and we most likely will be operating out of Santa Monica with 1000 watts days, 500 at night. Our first full-time programming started 18/4/78 at 3PM to 3AM. Because of legal hassles we have cut back our operating schedule, and a majority of people doing shows here were scared of any legal hassles that might incur. We have

been visited 3 times by the FCC and told we must leave the air. Our programs have still continued on in spite of all legal problems. And we are now filing some new forms to give us a temporary stay of operation. There are unbelievable amounts of legal papers to be filed, radio field reports to be had. We do not consider KDOR as a pirate station, but an unlicensed radio operation, and we would be more than glad to operate under a license. This would enable us to have advertising on the station which would give us some money coming in. As of right now the only thing we can run is public service spots. KDOR operates with 50 watts of power day and night. Our antenna is a straight wire about 20 feet above the ground, 283 feet long. Xmtxr is home made, all tube, final out put tube is a 6146, class C output; modulation is class A push-pull, capable of putting out 100 watts. All the rest of our equipment is professional, restored and reconditioned. If we were radical and not conducted ourselves in the proper manner we would have not lasted for over 8 months with the coverage we are carrying. We get reports from Pomona, Long Beach, Newport Beach, Ventura County, Pasadena, Monrovia, Burbank, etc. You can also phone us at 464-KDOR (Dick Dorwart & Don Saunders, via Ken Kashiwabara, CA)

3875-3878 kHz. 3875 hrd 25/12 at 0238 on all of a sudden with "Hard Day's Night" by Beatles. Popped off, then on again 10 kHz up! Rock, bad QRM, gone by 0305. 3878 hrd at 0230 with recording of some rock concert with applause. Subdued M ancr, hard to make out. Wildly varying modulation, gone by 0250 (Richard Stoller, NY)

European Pirate Info. 1610-1700 kHz sees a lot of Dutch pirate activity these weekends, when something is going on at almost all times after dark and around lunch time, say 2000-0200 Fri/Sat/Sun and 1030-1330 Sat/Sun. New tradition: people making tests seem to do so on Wed nite 2230-2400. Typical power 100-200 watts. Most interesting stn is R. Glorieklanker (Sounds of Glory), 1622v, sked roughly 1830-2030 Suns, religious-music pirate with female announcer.

Survey of regular and moderately regular Sunday pirate stns on SW--best listening times 0900-1300. Essentially all British & Irish; German & Dutch stns have almost disappeared.

6200 Empire R., best pgming at present--comedy spots, etc., Norwell addr.

6202.5 R. Valleri, famous Irish, founded 1973. Chertsey addr.

6210 V. of Britain. Crawley addr (pirate-watchers, beware of false enthusiasm about hearing anything on 6215 (R. Andorra) and 6221-5v (Vatican R.). Pirates are now avoiding these freq ranges because of QRM.)

6214.5 Free R. Broadcasting Co., very irregular but it has by far the best chance of being hrd in NAM, with power somewhere between 600 W and 1 kW. Dedemsvaart addr.

6230/76 Westside R., in Dublin. Dublin address.

6238 R. Gemini. The oldest current pirate, founded 11/72. Addr: 8 Farm Way, Bushey, Watford, Hertfordshire, England.

6240/6317 R. Condor, Dublin addr. Announces 6243.33 (!)

6240 Big D R., one of the semi-legal Irish MW commercial pirates, alternates Sunday spots here with Condor xmtxr & announcing both MW & SW. Condor hrd 17/12 and 31/12; Big D on 10/12 & 24/12. Address: 11 Chapel Lane, Dublin 1.

6254 R. Corsair. Wants comments on pgm, but is said to hate reception reports. Chertsey addr.

6260 R. Cavendish. Norwell addr.

6260/65/7315 European Music R., Usually 3rd Sun of month. Norwell addr.

6260/70/75 R. Mercury. Dedemsvaart addr.

6270/75 R. Zodiac 49. Crawley addr.

6274 R. Enoch (named after British politician Enoch Powell); new, first hrd on 6302. In pgm, more of a clan than a pirate, with attacks on British Labour Party, socialists, communists, blacks, Irish, etc., and even religious sermons, e.g. on the need for forgiveness. The two seem to fit together somehow! Addr: 7 Woodside Grove, Hartburn, Stockton-on-Tees, Cleveland, England.

6275 R. Solent City International. A first on SW for the Isle of Wight. Has tested on 6235 also. Norwell address. Here are the addresses referred to above:

Chertsey--134 Eastworth Rd, Chertsey, Surrey KT16 8DT, England. (all from John Campbell,

Crawley--13 The Chase, Crawley, Sussex, England. England, who has taken over the

Dedemsvaart--Postbus 41, Dedemsvaart, Netherlands. the DSWCI clandestine col-

Dublin--53 Charleston Rd., Dublin 6, Ireland. um and doing a great job!)

Norwell--Kent Place, Norwell, Newark, Nottinghamshire NG23 6JX, England.

DX PROGRAMS BULGARIA R. Sofia will extend its DX program as of 6/1 to a longer segment on the Fri 2130 and Sat 0430 broadcasts; and it will be repeated on Sat/Sun at the same times (R. Sofia DX 9/12)

CANADA As of January, the DX news on RCI DX Digest Edition 2 (Sat 1807, 2000+, Mon 0200+ & 0400+) is provided by Steve Webster with Mike Bolitho, Toronto, ODXA. Steve indicates that his DX Newline on CB is 'temporarily' off the air (gh) Magne/selectivity in Feb DX Digests.

DOMINICAN REPUBLIC When RIVD begins its international service, possibly as early as February Miami MW DXer Ron Schatz plans to provide a DX segment (gh) HOLLAND RIB of the Air 4thThuDXJB

MONACO On 1/1, TWR changed its DX pgms. The DX Special in EG has been replaced by a German DX pgm, except on the 3rd Sat, still a DX pgm in EG. Sat 0845 9610, 1500 7245 (Bo Svartholm, Sweden; Manfred-R. Reiff, Matthias Böhmer, Andreas Kletzander, Klaus Lindinger, all GFR, SCDX 9/1) News, tips, comments welcome--DX Spezial, Postfach 1444, D-6330 Wetzlar, GFR (Reiff)

NETHERLANDS ANTILLES RN PT "Rádio-atividade" resked to before 2300 Thu 15180 15320 (gh)

ROMANIA R. Bucharest has a DX pgm in German Fri at 1800, Sat 1200 (R. Sofia DX 9/12)

SRI LANKA As from 14/1, a Southern Asia DX Report will be broadcast on R. Monitors International the 2nd Sunday of each month. From 3/79, a special QSL from IDXCI will be issued to all correct reception report of this segment (Dec IDXCI DX Digest) PORTUGAL LN-13

UKOGBANI As of 17/1, Richard Measham, chief monitor at the BBC MS, Caversham, gives a monthly report on BBC World Radio Club, replacing Gordon Weston, who has retired (gh)

PROGRAM NEWS

AUSTRALIA The R. Australia program being promoted in the RA sked this season is "The Australian Inventors", amateurs and professionals talking about their latest achievements with Keith Smith. Sat 2140, Sun 0340, 1540 (gh)

BANGLADESH Adventist World Radio has a program in Garo on the 2nd Sunday at 1136-1142 on 9550, 10 kW, a 41m 7½ kW, and megawatt on 693 kHz (AWR-Asia, via NASWA HQ)

CANADA CBC will broadcast all three of the upcoming international hockey games in the NHL Challenge Cup series slated for Feb. 8, 10 and 11. This is a new event; NHL all-star team takes on the USSR national team at Madison Square Garden. Exact times are not set, but will likely be carried on CBC NS, pre-empting other programmes as necessary (CBC Guide, gh) Somebody forgot to tell the producer of "Johnny Chase" that the slot was a 25-minute one, so the first show 6/1 was still going when the net had to cut away at 1700. The next week, the start time had been moved from 1634 to 1630 (Louis Goldstein, MA) (GRAM)

CHINA R. Peking will rebroadcast its 26-part Chinese by Radio beginning 15/1 (Varron, SPEEDX)

FINLAND FIR now has "FIR plus 7" a preview of programs in the week ahead, in its Sat-Sun broadcasts. Also on those broadcasts, "Air Mail", a radio magazine based on letters from listeners, and "Nordic Notebook" reports on topics suggested in listeners' letters. Some other Feb features, first broadcast at 1930 GMT, last broadcast at 1430 the next day, except for Sunday Best:

4 Feb -- Sunday Best -- "Homecoming" by Mika Waltari. An ageing mother desperately awaits the return from abroad of a much-loved son. But the return isn't quite what she hoped for...; Fresh Air, on iceskating.

4 & 5 -- Out & About -- westcoast city of Pori, famous for its jazz festival (and SW xmtrs!)

5 & 6 -- Fresh Air -- iceskating, interview with Kristina Wegelius; Finnish lesson 5

6 & 7 -- Voices -- interview and hit records of modern Finnish singer Marlon.

7 & 8 -- Spotlight -- documentary on Finnish regional development, part 2

8 & 9 -- Nordic cooperation at the UN, exclusive interviews with Nordic ambassadors

11 Feb - Sunday Best -- including 'Voices' on the DDT Jazz Band, "Spotlight" from 7 Feb; 'On the Town' on Finnish films. Remainder in February REVIEW OF INT'L BROADCASTING (gh)

IRAN VOI has launched an educational series on Islam, nightly in EG at 1945-2000 on 9022 (Nigel Burton, Leicester, England, SCOX 2/1) More to come, no doubt... (gh) 12)

KOREA NORTH R. Pyongyang has mailbag pgms on Thu at 0000, 0700, 1400, 1800, in EG (RADX 24/

TURKEY VOT in Turkish for Turks abroad made some changes 1/1: Main news at 0600, 1100, 1800 and review of week's news Mons 1820; Sats 1820, "A topic every week" discussion. Sun 2015, sports review (BBC MS 4/1)

UKOGBANI Some Feb BBC WS hilites: Pacific Prospect, 4 pgms on the 200th anniversary of the death of Captain Cook: Mons 1000 & 2130, Thurs 1430. Come Here, travelogue for Britain, Suns 1015 & 2145, Mons 0315 & 0745. The March of Time, documentaries, Sats 1130, Suns 1830, Weds 0230. New Ideas is now on Sats 1115 & 2230, Suns 0445, Fris 1635 (gh)

U S A Fine Arts Radio experiment via WINB is scheduled to end after 10/2. Watch LN for word on a revival of this in the future (gh) As of 1/1, AFRTS substantially revamped its pgm schedule. Instead of 3, 4 or even 5 newscasts in a row starting on the hour, this has been cut to a maximum of 3, AP, UPI, NBC. NPR's All Things Considered has been moved from 2200 to 0100, NPR's second feed for west coast (Malcolm Kaufman, NY) When it is frequently pre-empted for sports! But when on takes full 90 minutes now. Paul Harvey 1711 & 2111 (Louis Goldstein, MA) Weekend ATC however, one hour at 2300 Sat/Sun unless pre-empted. As usual, AFRTS makes all these changes without publishing a revised schedule, so the February REVIEW OF INTERNATIONAL BROADCASTING will contain the new schedule, as monitored (gh)

U S S R R. Moscow has retired one of its major Russian-language discussion pgms on foreign affairs, the weekly "International Observers at the Round Table", Suns is now at 1230-1300, ex-1500-1530 for DS Pgm-I in Euro USSR; 0800-0830 ex-1300-1330 for Western Siberian Pgm-I; and 0530-0600 ex-0600-0630 for FE & E. Siberia; relay for Soviet seamen and compatriots living abroad has been moved from 0730-0800 to 1230-1300 (BBC MS 11/1)

PUBLICATIONS

New Far Eastern DX Review, now compiled singlehandedly by Isao Ugusa, remains an excellent source of information, especially on southeast Asia. Issue 28, 24 pages xeroxed, includes 9 pages on Cambodia. Also historical info--an article on Radio-TV Malaysia; 1966 ad rates for Thai radio stations; English/Vietnamese DX dictionary; Thai for DXers, part 7. Issue 29, dated 30/1, includes an article on clandestine radio in Indo-China, covering some 25 stations. Samples are 4 IRCs by air, or US\$2 in cash, from Isao Ugusa (NFE), 1-3-10 Mikage-yamate, Higashinada, Kobe 658, Japan. Highly recommended. Back issues are also available at different prices; ask for list (gh)

Broadcasting in French Indo-China, by Adrian Peterson, latest special publication of the Australian Radio DX Club. 8-pp booklet of historical info. 6 IRC or US\$2 by airmail; 4 IRC or US\$1 by seamount, from P O Box 227, Box Hill, Victoria 3128, Australia. Superficial (gh)

Indonesian DX Review, along the lines of NFDXR. No. 16 is 8 pages, including a 3-page Indo survey by frequency. Samples 2 IRCs, subscriptions 15 IRCs to Nam. Indonesian DX Circle, c/o Sathoshi Wakisaka, "Yuzan-soh" No. 20, 11-15, Kasuga 1-chome, Ibaraki-city, Osaka 567, Japan (gh)

DX Digest monthly bulletin of Indian DX Club International as of Jan is offset. SW, MW, Program page, TVDX column; 12pages. Annual airmail subscription is 40 IRCs + 10 IRCs admission fee, to Nam. Sample by airmail 4 IRCs (gh)

ADXCI Boletín DX, bi-monthly legal-sized sheets, offset; Oct-Dec is 16 pages including SWBC loggings, 6½ pages of utility info, 3 page article with formulae on calculating sunrise/sunset times. Annual membership fee to Nam is US\$6.00 or 34 IRCs. Casilla de Correo No. 47, 1650 San Martín, Buenos Aires, Argentina (gh) Argentine DX Club International.

DX-Citing, bimonthly bulletin of MARPIA DX Club, C.C. 1378, 7600 Mar Del Plata, Buenos Aires, Argentina. Jan/Feb issue is 20p, unbound booklet. Messy typing, layout and printing, but some interesting info, including TVDX section. They plan to add a 4-page supplement in English later this year. Annual fee is US\$7.00 to Nam, or 35 IRCs (gh)

Telegram, "We don't broadcast to the world. We listen to it!", new publication of the "Canadian Monitoring Services", a group of anonymous DX listeners. Proposes to issue one or two page bulletin of DX info 18 to 24 times a year, and is impatient to sign up subscribers @ C\$8 to Nam, or C\$13 elsewhere. Apparently CMS does not solicit input from its subscribers, nor does it identify just who provides the info it does publish. Box 436, West Hill, Ont., Canada M1E 4Y9. Samples are 50¢ (gh)

L'Onde, monthly magazine in French of Club Ondes Courtes du Québec, 48-page special issue dated 15/12/78, includes 5-page hour-by-hour schedule of D78 French broadcasts, plus many other interesting illustrated columns. C\$12.50 by first class to USA & Canada per year. COCQ, 3420, Chemin Ste-Foy, app. 5, Sainte-Foy, Québec, Canada G1X 1S6 (gh)

List of Publications on Utility Stations, callsigns, addresses, RTTY, FAX, VHF for Europe, etc. Whole shebang for DM 90,00 or 129 IRCs issued after 1976, or choose from list. Joerg Klingenfuss, Goethestrasse 14r, D-7400 Tuebingen 1, Fed. Rep. Germany (gh)

Radio Reception Road Map France, can be obtained from TDF, Délégation à l'Information, 21-27 Rue Barbès, F-92 120 Montrouge, France. The map shows all French FM xmttr locations, all traffic service MW xmttrs, as well as TV and LW propagation maps (Wolfgang Büschel, Oct. WWDXC)

Pope Paul VI funeral ceremony and two historical broadcasts are being prepared for release on cassette by Vatican Radio, per Dec. pgm. bulletin (Marty Delfín, TX)

Radio Hallam-Your Friendly Set, book giving insight into life at an independent local radio station. 40p from Box 194, Hartshead, Sheffield S11GP, England; ppd. (Jeremy Harris, WDXC)

International Broadcasting Convention, IEE Conference Pub. 166, covers papers at the 1978 Wembley convention, technical, for info on latest techniques, systems and developments in all aspects of sound and TV BC, both analog and digital. 82 papers, 344 pp., 297 x 210 mm, photolitho. ISBN 0 85296 193 6, Oct 1978, soft covers, 15.00 pounds in UK, 18.50 overseas, from IEE Pub. Sales Dept., PO Box 26, Hitchin, Herts. SG5 1SA, England (gh)

Hi Inc., Box 864, Council Bluffs IA 51501, offers a catalog of manuals on rx, tx, accessories made between 1935 and 1970, for \$1 (Harold Sellers, ODXA)

Radio México says they will send discs to listeners in the near future (Fernando García Bórquez, Navojoa, Sonora, SCDX 28/11)

Voice of the Pioneer will come out in book form at end of Nov 1978. The program is heard Suns at 1315 on CBC NS (CBC Radio Guide, gh)

Royal Canadian Air Farce is now available on record, released in Dec for C\$6.98 from CBC Learning Systems, Box 500, Station "A", Toronto, Ont. M5W 1E6, Canada (John Kegel, SPEEDX)

The Shortwave Propagation Handbook, by George Jacobs, W3ASK and Theodore J. Cohen, N4XX, explains all facets of SW propagation in simple language. Full of do-it-yourself data for predicting propagation. First of its kind. Personalized signed copies @ \$7.50 each, ppd., from Mail-a-Prop, Box 1714, Silver Spring, MD 20902. Remittance from foreign countries should be in US currency and include \$1 extra for postage (Jacobs, via NASWA HQ)

The Antenna Construction Handbook for Ham, CB & SWL. Tab Nook No. 1054, by Rufus P. Turner, \$9.95 hardbound ISBN 0-8306-9898-1; \$5.95 paperback ISBN 0-8306-1054-5, July 1978. "the complete antenna-building book for technicians, hams, CBers and SWLs, with all the how-to-build-it data needed to customize and install that perfect antenna...plus money-saving tips on buying antennas and accessories!" Blue Ridge Summit, PA 17214. 238 pp., 132 illus. (Tab, HQ)

Electronics Trader, P O Box 73-NA, Folly Beach SC 29439. Published twice monthly, circulation thruout Nam. For-sale, wanted, and swap ads from individuals. Mostly ham and SW radios, test instruments, antique radios, manuals, schematics. Ads received by Wed. are in print and circulation on Fri. Sample of 5 issues for \$2; 24 issues (1 year) for \$7.50. Ads @ 10¢ per word, and one free ad up to 35 words for subscribers and renewers (Ed Howell, W4SOD)

LAST MINUTE ITEMS AUSTRIA We cannot leave 6155 and 9770 kHz for tactical reasons; otherwise Austria would completely lose these frequencies (Jaschek, Sendernetzplanung, ORF, 8/1 letter to S. David Klein, FL) The fact is, they have already 'left' them for substantial parts of the day, for Europe, where they are easily heard, while to NAM, where reception is difficult, they refuse to (gh)

CAMEROUN Caroua has added nx in EG at 0600-0605, on local events (Kenneth Clark, TN) 5010?

CLANDESTINE Since note in Jan LN on the "6420" S. California pirate moving to 6115, several people have suggested I was hearing XEUDS instead. It definitely was not R. Universidad, which I have often hrd. They don't play American rock or blues. Strength on 6115 was exactly the same as 6420 kHz had been; fading also the same: none; and again there were long unmodulated pauses. The pirate has not been hrd since by me on either frequency (Ken Kashiwbara, CA, 18/1) R. Sandino, the voice of the Nicaraguan guerrillas, was heard on 7325 kHz, power sounding like 1 kW, at 1100-1300* in Spanish only. They said they would be back in the late afternoon and night local time, but I heard them in morning only (Wolfgang Büschel, Stuttgart, W. Germany, visiting S. Mexico and Guatemala, 12/1)

CHILE R. Nacional hrd at 0030 on appx 13800 in SP 18/1 (Joe Tangredi, NV)

ECUADOR R. Federación is indeed using its 3rd xmtr on 3210, excellent 16/1 2328-0012 with rustic vocals and flute mx, IDs (Terry L. Krueger, FL)

EGYPT R. Cairo EG to NAM 0200-0330 has moved to 12050 ex-6230 //9475 (Tangredi; gh 21/1)

FINLAND There are an estimated 250 million SWLs in the world and few places where broadcasts from Finland cannot be heard. FIR's accent on society and the arts...puts it in the forefront of imaginative and informative programming (Finnish International Radio)

GYANA Looking for a good program New Year's Eve, I came across a fat signal on 5950 around 0730--Action Radio, GBS. Live from a party, speech from P.M., rock mixed with local music. (Kenneth Clark, Knoxville TN, Feb. REVIEW OF INTERNATIONAL BROADCASTING)

HAITI I hrd the 5641 stn 19/1 0055-0200* with FR woman DJ, LA/FR pops, only one tentative ID as R. Familia; closed with shabby 30-sec kids choir anthem, plug pulled promptly 0200*, no doubt 4 x 1410, believe Schatz is incorrect. 6156 is, has been, and probably always will be Citadelle; such IDs in local mornings and occasionally afternoons. Nationale is just relayed in segments at no definite times (Terry L. Krueger, FL, 19/1)

HUNGARY R. Budapest on new OOB 7000 kHz 2030-2055 German 4/1 (Richard E. Wood, NH)

INDONESIA RRI Nusantara I Medan has two pgms; official sked: Programa Nusantara on "63mb" (4765v) at 2300-0200, 0500-0800, 1000-1700. Programa Kota on "88mb" (nominal 3414, but QSY to 3375) at 0200-0500, 0800-1000 (Satoshi Wakisaka, IDXR 17) Evening pgm from RRI Nusantara V Jayapura: 11943 0800-1400 irr.; 9615 0800-0930 & 6070 0800-0830 both regular; 4981 0900-1100 irr. These are not exact s/on/off times. 9612 QSYed to 9654, QRM Thai, but 14/1 on 9612 (Atsunori Ishida, IDXR 17) RKPDK Gresik hrd on 2907, at 1432, fair with ABBA songs (Harvey Saward, Tasmania, R. Australia Japanese DX Time, 14/1)

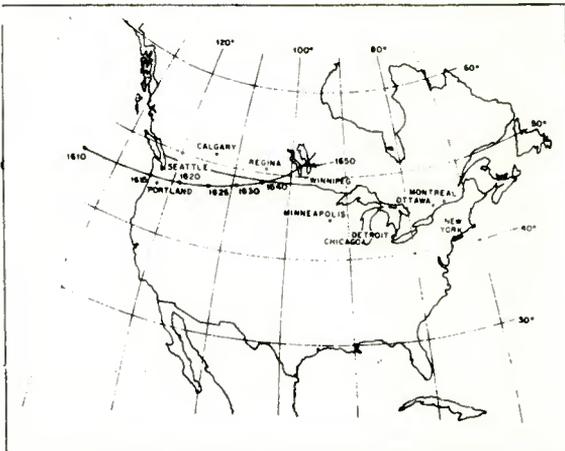
PHILIPPINES ABC-Brisbane 9660 is getting a much greater audience, since VOA-Philippines is relaying it along with Dixon in Chinese 1000-1600 at about equal level, since satellite feeds were discontinued. What will the Chinese think of these Australian accents? (R. Jones, ADXN)

PORTUGAL R. Portugal has an outstanding fortnightly DX pgm GMT Sats 0315 & 0515. Next one should be 17/2. In Jan they had some useful DX tips and a profile on Tonga (Tangredi, RIB)

SWEDEN R. Sweden M79 EG to NAM: 0030 11905. 0230 9695 11705. 1400 21615. 2300 11705 and 9695 (STA 23/1)

TOTAL SOLAR ECLIPSE 26/2 at 1610-1650 GMT. Map at right from CMS shows path of totality. Night-like conditions should briefly prevail, and there may be some effects observable in the much larger partial eclipse area. Unfortunately there are no SWBC stations along totality. Check for USSR on lower bands. A good article on what to expect from the limited ham point of view is in January QST (gh)

U S S R D78 IFRB HFBS lists 500 kW xmtrs at 23 sites (* inactive fq)-- Armavir 7205 *9520. Leningrad 11765. Serpukhov 21590. Moscow 6010 7290 9550. Riazan 11790. Tula 7240. Kiev 11800. Lvov 7120 7150 9735 9765 11900. Simferopol' 7135 7195 15130. Starobelsk 7175. Vnitsa 6175 7215 9720 11730.



Baku *15240 *15260. Tbilisi 11755. Yerevan 11890. Alma Ata 9610. Dushanbe *9605 9735. Tashkent 9550 17755. Frunze 9530 9565 9710 11820 11970 17745 17775 17825 17840. Chita 6045 7150 7220. Irkutsk 9510 9685 11775 15175. Kenga 7270 9745. Novosibirsk 6185 7185 9735. Omsk 15150. The xmtrs listed for Frunze are actually at Alma Ata or Dushanbe (9710/17840). Tashkent 17755 is at Dushanbe. The Alma Ata, Irkutsk, Novosibirsk and Yerevan sites are correct for the frequencies listed. Omsk 15150 is at Novosibirsk (Olle Alm, Sweden, Jan UHN) 11765 Irkutsk 0200-0700 in Chinese, list 100 kW, but strength indicates 500 kW. 15385 Irkutsk opens at 0100 in Chinese after a lone hour test period, indicating a very high power xmtr, of 500 kW (or more!) (Roger Legge, UHN) R. Moscow has a new BC in EG to SEAs at 1400-1430, ex-1600-1630, on 15410 15385 11820 9795 9695 7270. And RSP&P to Af 1430-1500 EG to Af has been moved to 1500-1530 on 17765 15520 15440 15205 15170 11895. The 500 kW xmtrs are not new. Most have been on the air for several years, but are only now showing up in the listings as 500 kW. But Alma Ata 9610 is a new one (Roger Legge, UHN)

IN MY OPINION

(James Morck) Why is there so much pettiness and jealousy in the 'good' DXers don't want to share their DX tips any more; instead they form their own exclusive organization that clamps 'security' on the best items. Some DXers after they were no longer 'top dog' in FRENDX's scoreboard no longer participate since they're no longer at the top. They don't even contribute to QSL report, LN, or the log sections although they hold onto certain positions in NASWA, as committees that make policy for the organization. What can be done in 1979 to restore NASWA's motto of "Unity and Friendship" to the DX hobby?

(C. M. Stanbury II) It's hard to understand what exactly Robins is disputing when he says "I don't take the conspiracy theories (flying transmitters, et al.) of Stanbury seriously". Several investigators, including a U.S. Senate committee, have established involvement by U.S. govt agencies in the coup. So certainly there was a conspiracy. Further, Robins' own (implied) suggestion that the jamming came secretly from the U.S. would constitute even more of a conspiracy. As to flying xmtrs, in 1962, the US military developed the 50 kW MW/SW Flying Radio City. It does not transmit in flight but it can be put on the air within 8 hours upon arrival at the desired site. We know that this system was secretly used in Botswana, circumstantial evidence clearly indicates it was used in the Dominican Republic (1965) and its use has been acknowledged in Vietnam and Thailand. As such technology was already available in the early 1960s, it seems reasonable to assume that even more advanced portable systems were available at the time of the Chilean conspiracy. This is further supported by the fact that certain Chilean SWBC stns showed substantial increases in signal strength immediately after the coup.

(Andrew C. Robins) I apparently touched a raw nerve by mentioning the 'flying transmitter' gambit, which any inveterate member of NRC will tell you was the joke of that club for some time (see the "Captain Glotz" strip in 1973-74 issues). The purpose of my earlier report was to relay RHC's official opinion concerning jamming their xmsns suffered following the Chilean coup. I can't recall any remarks from RHC on jamming in the DX press, or anywhere else. Nowhere in that article did I stoop to the "post hoc, ergo propter hoc" illogic found in Stanbury's reply. Contrary to Stanbury's mistaken reading, I did not imply that the U.S. was secretly jamming Cuba. I said RHC implied this was true. The fact that the U.S. had a large part in the Chilean catastrophe does not automatically mean that the U.S. also flew xmtrs in for the jamming. I accept that a Chilean location is the most probable one for the source of the jamming. I was simply offering some alternative explanations that should be worth considering. Stanbury has yet to refute them on acceptable grounds. Though the CIA without doubt has the money to spend on large transmitters and antennas, it still does not adequately explain the rapidity with which Cuban broadcasts were jammed after the change in govt. The Brazilian alternative would have been much more cost-effective, in the short run. Also, the jamming would have been much more effective in blocking reception of RHC in Chile. The Spanish experience using Arganda to jam Euzkadi and REI I think proves this: the jamming was much more effective in NAM than in the target areas. When fighting a skywave signal, a skywave jamming signal is required. Again, Stanbury hasn't apparently considered this. Of anyone in the hobby, he should be open to alternative explanations. He deals in them all the time, i.e. flying transmitters.

UNIDENTIFIED

4860-4861, hrd 16/1 1243-1315* with subcontinental style mx, may have mentioned Pakistan at s/off; TBS lists India with forces program 1235-1315* (Syd Osterman, Ont.)

6279 *0257 with 3-note descending IS, talk from 0300 very weak (Jerry Berg, MA)

9540 R. Rainbow, FR/EG mx, little nx, 0515 4/11, SIO 434 (Mark Zavatsky, CT, SPEEDX) Some other SPEEDXer reported a R. Rainbow on 7105 at 0625 before Monte Carlo. What's it?

9775 Commercial stn from London at 2000-2130 when covered. Pop mx, nx on the hour. Could not make out proper ID, but seemed to be Radio S---- (Michael Barnum, Medina NY, 16/1)

17710 Mike Bolitho and I note a unID here around 2330-0030 with continuous sub-continental music. Could be R. Pakistan testing a new frequency (Steve Webster, Ont.)

ABBREVIATIONS TBS = Tropical Band Survey published by DSWCI. DS = Domestic Service. HS = Home Service. GS = General Service. FS = Foreign Service. IS = International Service (or in context, Interval Signal). WS = World Service (gh)

naswa AWARDS reports

Dan Henderson
7921 Anfred Drive
Laurel, Maryland, 20810

February, 1979

The following report gives all awards issued during the period 1 October 1978 through 31 December 1978. All awards are listed in chronological order of issue.

EUROPEAN CONTINENTAL DXER

Robert I. Cate
Hans Johnson
William McDavitt
Douglas J. Boone
Chris Leithner
Richard Thrall

MAPLE LEAF DXER

John Moritz
Bill Whitacre

ALL VOA DXER

Robert A. Goss

SOUTH AMERICAN CONTINENTAL DXER

Albert J. Muick
Bill Whitacre

ARAB WORLD DXER

Roger DeRoy

NORTH AMERICAN CONTINENTAL DXER

Jon Greenberg
Paul Buer
Onil Clonet

As you can see, this quarter indicated that not too many people are getting enough QSLs to qualify for the awards available. I would like to apologize to the membership for not being more prompt in getting the awards applications processed. A great deal of QRM from my work has kept me from being as active in the awards program or in the DXing hobby as I would like to have been, although now it does seem that I will have more time to do both.

ASIAN CONTINENTAL DXER

Chris Lobdell
Onil Clonet

I have appreciated the membership's rally to the plea that I made 3 months ago regarding SASE's for a reply. Sometimes I was slow, but I did try to reply to each and every one that asked a question. I would now like to enlist every one who sends in an award application to please only send the fee in 15 cent stamps if you are planning to use stamps. You can send IRCs, coin, bills, or stamps or Money orders or checks, but it is imperative that if you use stamps, you must use 15¢ stamps--I cannot use any 28¢ stamps here--they only make it hard for me and in this business, you can all realize the problems this causes! Please try and do this for me, OK?

WORLD WIDE DXER

Chris Leithner
William McDavitt
Ken Kashiwabara

ALL CONTINENT QRP DXER

Bill Whitacre--10 Kw
John M. Kapinos--50 Kw
John M. Kapinos--25 Kw

SOVIET SPHERE DXER

Andre Pineault

ECCLESIASTIC DXER

Mike Glazzy
J. M. Huniwell
Jon Greenberg
George W. Link Jr.

Well, till next time, I do hope that you will continue to send in those applications. I also would like to announce that from now on, there is not a requirement for you to include the verie signer in the application. History has proven that most DXers have been honest on their applications, and the verie signer is no longer required.

73,


Dan Henderson

You DXers who live in the Washington DC area--there will be a meeting of DXers on 17 March at Chuck Dobbins' house. If interested, give him a call at 301-283-2046. We had a great time at the last outing so come on and get involved with a local DX group!



Diane S. Lévesque
P. O. Box 2573
Carbonate IL
62901

WHAT'S HAPPENING



Bill Oliver, WB3IRH, currently inactive. Uses a Drake SWL-A, RF-2800, and an R390/URR. Other interests: chess and languages

NASWA SHORTS

"With my indoor random wire, my DX position is un-antenna-ble, but I get a lot of stations anyway, so I have a SWL'ed head!"

--David Maxfield

To look at the back cover of FRENEX, it would seem that this gentleman on the left is all there is to the matter of putting out our bulletin. One would think that this fifty-year-old machinist would have his hands full enough with his job, much less seeing to the printing, assembly, addressing, and mailing of FRENEX every month, on time, without fail. Well, it just so happens that he does have a little help out there there in Levittown without having to borrow any of Santa Claus' elves...

A couple of hard-working guys who have thusfar been behind the scenes doing a thusfar creditless but excellent job are going to step up now and introduce themselves as part of the "FRENEX Publishing Unit":



John Cohen of Willingboro, NJ. Ham technician WB2KKS, 38, who earns his crust as a psychiatric social worker. He is also into VHF, utilities, and CW communications. He uses an PRG-7.

Nick Pappas of Levittown PA. 22, a Senior at Temple University majoring in Radio/TV who also reads for HAP. Uses a Drake SPR-4.



One person who should have little trouble getting to the ANARC 79 convention is Minnesota resident Tom Gavaras, editor of Log Report C. LRC, says Tom, normally takes a full day or two... "two days if someone helps me and one day if I do it by myself, hi." Tom is 21 years old a student at St. Cloud University, majoring in communication s and business. His other interests include rock concerts, playing basketball, and rich girls...hopes to marry one that will buy him wall-to-wall Racal and National HRO receivers. He cut his first DX teeth on old Majestic receiver, and eventually graduated to his Hammerlund HL-180, Sony ICF-5900W, Drake SPR-4, and RTB (longwave and mediumwave)--to which he has added a Sony 7065 stereo, K/S preselector, homebrew callibrator, and a Sony IC-131SD tape deck (sounds like you've already met the girl of your dreams, Tom! hi). Not only is he a member of NASWA, but also of the Minnesota DX Club, SPEEDX, NEDS, Fine Tuning, and USSR HFBN.

And so another page closes...a reminder to one and all that WH is for the purpose of covering the people in this club and their various activities, with a spotlight on on what the YL's are into...though I must admit that with this and the last WH a reader couldn't have guessed that there was such a spotlight. Yes, ma'am, that's a broad hint that I'd like to hear from more YL's in the club. So far I've heard from about four or five, and to judge by the Associate Directory and the New Member lists, there are certainly many more than that. Even if you're doing nothing that you think should hit print, I would still like to hear from you.

73 73's, *Diane*

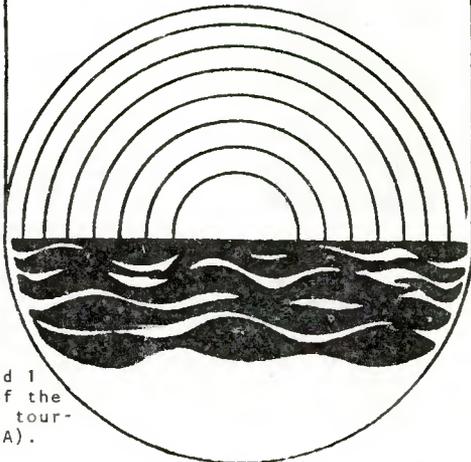
QSL COLUMN

Sam Barto
NASWA QSL Editor
245 Cherry Ave. J-11
Watertown, CT. 06795



- ALBANIA:** Radio Tirana 7065 f/d "Revolutionaire" cd. in 3 mo. My 1st reply in over 10 years! (Kapinos-ALGERIA: RTVA 9680 blue & white cd. in 4 mo. MA). for an EG report. (Shaffer-MD).
- ANDORRA:** Radio Andorra 6215 f/d cd. in 60 ds. for 1 IRC. (Gionet-NB). Radio Skandinavia 6215 f/d B&W DJ cd. in 3 wks. (Barto-CT).
- ANGOLA:** Radio Nacional de Angola 7245 f/d EG ltr. in 8 mo. for an EG/PT rpt. w/ ms. & 2 IRCs. v/s Jose Alves Saraiva. (DeFeyer-MI).
- ANTIGUA:** BBC 6175 f/d "DX Award" in 2 mo. (Overcamp-SC). in 3 mo. w/ same award (Klein-FL).
- ARGENTINA:** RAE 11710 blue and white cd. in 3 mo. for 1 IRC. (Shaffer-MD). 9690 w/ cd. and a large blue pennant in 100 ds. for 1 IRC. (Stauner-WI). LOL w/ folder cd. in 40 ds. for 15000. (Brooker-ONT).
- ARMENIA:** Radio Yerevan 15180 f/d cd. in 2 mo. (Prisco).
- ASIATIC RUSSIA:** Radio Moscow via Vladivostok on 12000 and via Khabarovsk on 11720 w/ f/d cds. in 7 wks. (Klein-FL). Via Vladivostok on 15130 and via Kenga on 15265 w/ f/d cds. in 47 ds. (Wirsz-BC).
- AUSTRALIA:** VNG 12000 f/d folder cd. in 32 ds. v/s P. Geaney. (Salay-OH). VLI6 6090 Sydney f/d blue and black "Map" cd. in 1 mo. (Fedor-EA). in 25 ds. for 1 IRC. (Wirsz-BC). Radio Australia via Shepparton on 9580 w/ f/d "Paddle Steamer on Murray River" cd. in 3½ mo. for 1 IRC. (Fraser-MA). same w/ f/d "Adelaide Festival Theater" cd. in 17 ds. for 1 IRC. (Burke-FL).
- AUSTRIA:** ORF 5945 f/d "Adam" cd. in 34 ds. for 2 IRCs. Decal also rcvd. (Wheeler-KS). same cd. for 9770 in 57 ds. for 1 IRC. (Grant-NY). same cd. for 15335 in 31 ds. (Clifford-WA). 9770 w/ "City" cd. in 6 wks. (Kapinos-MA).
- BELGIUM:** ORU 21460 f/d "LF Modulator" cd. in 22 ds. for a FR rpt. Pennant & sticker also rcvd. (Pineault-QUE). 6080 w/ f/d "Globe" cd. in 62 ds. (Martin)
- BOLIVIA:** CP70 Radio Grigota 4825 w/ ltr. in 3 wks. for a SP rpt. and ms. (PA) Multi-colored pennant rcvd. v/s Jazmin Arteaga B., (Kapinos-MA).
- BONAIRE:** TWR 11925 f/d "Antenna" cd. in 15 ds. for 2 IRCs. v/s J.F. Schipper. (Margrith-NE). Radio Netherlands 9715 f/d "Anniversary" cd. in 27 ds. v/s Tom Meyer. (Brooker-ONT). 9590 w/ f/d "Dutch" cd. in 37 ds. (Clifford-WA). 6165 w/ f/d "Windmills" cd. in 63 ds. (McCants)
- BRASIL:** Radio Panamerica 11965 f/d cd in 7 mo. for an EG rpt. v/s Almir Carvalho, Gerente. (Howard-CA). Radio Excelsior 9585 Sao Paulo cd. in 5½ mo. for a PT rpt. and ms. (Lazarus-LA). Radio Cultura Anaraquara 3365 ltr. in 18 ds. for a PT rpt. Also rcvd. postcards. (Hoffman-PA). Radio Inconfidencia 15190 ltr w/ EG statement in 31 ds. for a PT rpt. and ms. v/s Frederico Ozanan Barceola de Souza, Superintendente (Hoffman-PA). Radio Diario da Manha 9675 f/d view of Florianopolis cd. in 3 wks. v/s Claudio R. Moraes. (Barto-CT). same in 3 years for a PT rpt. and ms. (Lazarus-LA). Radio Nacional Brasilia 11780 f/d B&W cd. in 18 ds. for a PT rpt. and 1 IRC. v/s Reginaldo Azevedo, Head of the Correspondence Service. Also rcvd. tourist info. and schedule. (Hoffman-PA).

LATVIJAS RADIO



BYELORUSSIA: Radio Moscow via Orsha on 7105 and via Minsk on 15490 in @ 1 mo. (Prisco-PA). via Minsk on 15150 in 7 wks. (Klein-FL), also via Minsk on 11770 in 6 wks. O'Donnell. for the RMWS. (Tuchscherer-WI).

CAMEROON: Radio Garoua 5010 f/d ltr. in 2 mo. for a FR rpt. and 3 IRCs. v/s Eboo Zame Maurice. (Matthews-OH).

CANADA: CHNX 6130 Halifax cd. in 1 mo. for 1 IRC. v/s Judy Carrthers. (Klein-FL) in 23 ds. for ms. (Pineault-QUE). CHU 14670 "Fleming" cd. in 16 ds. (Miller-WV). CBC-NS 6195 "Horizons Sun" cd. in 1 mo. Also rcvd. vinal pennant! (Klein-FL). RCI 9535 f/d "ANARC Special Edition" cd. in 24 wks. (Klein-FL). CFVP 6030 f/d "Calgary" cd. in 9 ds. (Wirsz-BC). Very nice QSL indeed!!!...Sam...Only 100 watts!!!

CELEBES: RRI Ternate 3345 ltr. in 1 mo. for an IN rpt. v/s R. S. Bachmid. (Barto-CT).

CHAD: RNT 4904.5 f/d cd. in 1 mo. for a FR rpt. and 3 IRCs.

CHILE: La Voz de Chile 15130 f/d "Sightseeing of Santiago" cd. in 50 wks. (Wirsz-BC). Radio Mineira 9750 EG/SP fm ltr. in 26 ds. for a SP rpt. and 1 IRC. v/s Manuel Vergara Llanca, Gerente. Small blue pennant rcvd. (Hoffman-PA).

CHINA: Radio Peking 15060 cd. in 1 mo. w/ calendar. (Klein-FL). 12080 w/ "Red Peony" cd. in 17 ds. (Desrosiers-MA). 15300 w/ same cd. in 24 ds. (McNair-TX). 12055 in 3 wks. (Kapinos-MA).

COLOMBIA: Radio Sutatenza 5095 f/d Christmas cd. in 4 mo. v/s Jardany Suarez Ramirez, Manager. (Overcamp-SC). La Voz de Cinaruco 4865 cd. by air in 2 1/2 mo. for a SP rpt, tape & ms. (not used). v/s Mario Fric...must have built the 5 kw xmtr as its named after him! (Lobdell-MA). Radio Guatapuri 4815 ltr. in 3 wks. for a SP rpt. and ms. Huge red and white pennant was also rcvd. (O'Donnell-PA). La Voz del Centro-Espinal 6095 Christmas cd. w/ color photo of their new van in 3 wks. for a SP rpt. and ms (not used). (Lobdell-MA).

COSTA RICA: Radio Casino 5954 cd. in 29 ds. for a SP rpt. v/s Luis Sanky R. Green pennant was rcvd. (Shaffer-MD). TIFC 5055 f/d yellow and purple cd. in 49 ds. for an EG rpt. and 1 IRC. v/s Mary Steele, English Correspondence Dept. (Brooker-ONT). same in 51 ds. w/ pennant. (Pineault-QUE).

CUBA: Radio Habana 17855 checkered cd. in 3 mo. w/ poster. (Shaffer-MD).

CYPRUS: BBC 15420 f/d "DX Award" in 2 mo. (Overcamp-SC). same f/d cd. for 11955 in 3 mo. w/ schedules. (Klein-FL)...About the only way to get a F/D QSL!!!

CZECHOSLOVAKIA: Radio Prague f/d "Cathedral-Castle" cd. in 18 ds. (Grant-NY).

DENMARK: Radio Denmark 15165 f/d cd. in 33 ds. v/s Consten Wiedeman (Clifford-DOMINICAN REP: La Voz de las Fuerzas Armadas 4825 ltr. in 1 mo. w/ a post WA card of their pennant! (Shaffer-MD).

ECUADOR: Ondas Azuayas 4980 personal ltr. in 3 wks. for a SP rpt. and ms.

Also rcvd. a New Years cd. v/s Dr. Jose A. Cardoso F., Gerente General. (Lazarus-LA) Very nice Henry! HD210A 7600 f/d ltr. in 1 mo. for an EG rpt. v/s Freddy Villao Q. (Margritz-NE). HCJB 9560 f/d cd. in 29 ds. for 2 IRCs. Pennant was rcvd. (Torre-CA). same in 60 ds. (George-MO). 9560 w/ "World DX Club 10th Anniversary" cd. in 47 ds. for 3 IRCs. (Onken-IL) 9560 w/ "Jungle" cd. in 4 wks. for ms. (Kapinos-MA).



RADIO SKANDINAVIA

Transmitted by RADIO ANDORRA INTERNATIONAL

EGYPT: Radio Cairo 6230 "Sen-nedjem Tomb" cd. in 345 ds. after a follow-up. (George-MO).

ENGLAND: BBC 12095 f/d "WRC Award" cd. in 3 mo. (Klein-FL). same in 2 mo. (Overcamp-SC). MSF 5000 Middlesex f/d ltr. in 1 mo. v/s Dave Peacock. (Klein-FL)...Not heard too often!!!

EUROPEAN RUSSIA: Radio Moscow via Ryazan on 11790 w/ f/d cd. in 6 wks. (Tuchscherer-WI). via Moscow on 15360 in 47 ds. (Wirsz-BC). via Armavir on 7205 and via Moscow on 7440 and via Tula on 21490 in @ 1 mo. (Prisco-PA)

FEDERAL REP. OF GERMANY: Radio Free Europe 25690 yellow, blue and white cd. in 11 ds. (Barto-CT). Sudwestfunk 7265 Rohrdorf w/ f/d "Ear" cd. in 29 ds. (Salay-OH).

FRANCE: RFI 15360 f/d "Notre Dame" cd. in 3 wk w/ station notebook. (Kapinos-MA).

GALAPAGOS: La Voz de Galapagos 4810 "Four Scenes" cd. in 111 ds. for a SP rpt. and ms. v/s Raul Pinto. (Gionet-NB).

GERMAN DEMOCRATIC REP: RFI 9730 f/d cd. in 38 ds. for 1 IRC. (Grant-NY). in 55 ds. w/ "Clocktower" cd. (Wirsz-BC).

GHANA: GBC 4980 green, gold and red f/d cd. in 372 ds. (Brooguan-ONT)

GUAM: TWR 17855 f/d cd. in 1 mo. (Shaffer-MD).

GUATEMALA: La Voz de Nahuala 3360 f/d cd. in 30 ds. for a SP rpt. and IRCs. v/s Juan Fidel Lippe Juarez, Dpto. Prog., Also recvd. a pennant. Juan collects stamps. (Pineault-QUE)

HAWAII: La Voz de Atitlan 2390 f/d cd. in 43 ds. for a SP rpt. & 1 IRC. Station claims 1 kw on cd. (300w in WRTVH) (Hoffman-PA)

HAITI: Radio 4VEH 9770 f/d "Studio" cd. in 71 ds. for PA) EG rpt. and 2 IRCs. v/s Mrs. Edna Beachy. (Gold-FL). same in 3½ mo. w/ personal letter. (Shaffer-MD).

HAWAII: WVVH 15000 f/d "Aloha" cd. in 1 mo. v/s C.L. Trembath. (Margritz-NE). 10000 in 20 ds. (O'Riordan-ID).

HONDURAS: HRVC 4820 "Map" cd. in 23 ds. for an EG rpt. and 1 IRC. (McDavitt-NY). in 6 mo. for 1 IRC. v/s Ines Alvarado. (Hamilton-SC).



**МОСКВА
РАДИО**



RADIO KRISTIANSTAD

kl. 06.⁰⁰
kl. 12.⁰⁰
kl. 17.⁰⁰

HÖRBY 97,0 MHz

Radio Japan



FRENDX has the DX information thats up to date.

RADIO JAPAN

You better believe it!



東京

HONDURAS: HRVC 4820 "Map" cd. in 28 ds. for an EG rpt. and 1 IRC.

(Schmidt-WI). same in 22 ds. (George-MO).

HUNGARY: Radio Budapest 15220 f/d "Szuloldunk" cd. in 19 wks. (Barta-ONT).

ICELAND: Voice of Iceland 12175 f/d

"Map" cd. in 20 ds. for 1 IRC.

(McDavitt-NY). same in 15 ds. for my VIC #89! (Salay-OH). In 77 ds. for EG rpt. and 1 IRC. (Brooker-ONT)

INDIA: AIR 9525 f/d "Taj Mahal" cd. in

8 mo. for 2 IRCs. (Burke-FL). 11740 in 109 ds. for 1 IRC. (Staurer-WI). 17730 w/ f/d "Chaitya Hall" cd. in 5 mo. (Hamilton-SC). 11810 via Allgarh w/ cd. in 171 ds. for 1 IRC. (Ponder-LA).

ISRAEL: IBA 15485 and 9815 w/ f/d "Tribes"

cd. in 2 mo. w/ sticker. (Matthews-OH). same cd. for 9815 in 42 ds. for 1 IRC.

(Fraser-MA); same for 15485 in 30 ds. (Bar-

ITALY: RAI 15315 f/d "Ritratto di ta-ONT).

Bambino" cd. in 169 ds. (Fraser-MA).

IVORY COAST: RTVI 4940 f/d "SWL" cd. in 27 ds.

for a FR rpt. and ms. on my 3rd rpt. (Hoffman-

JAPAN: Radio Japan 9505 and 17825 w/ "Pagoda PA

and Sarusawa Lake" cd. in 3 wks. (Matthews-OH). 9505 w/ "Strawhorse" cd. in 42 ds. (Clifford-WA).

17755 w/ f/d "Water Lilies" cd. in 40 ds. (O'Riordan-ID). NHK 3377 "Pagoda" cd. w/ freq. in 6 wks.

JAVA: Voice of Indonesia 11790 "Wedding (Howard-CA).

In Djakarta" cd. in 91 ds. for an EG/IN rpt. Letter

was in GM. Also rcvd. station pennant!!! (Ponder-LA).

JORDAN: Radio Jordan 9560 f/d form ltr. in 19 ds. for an

EG rpt. and 1 IRC. Station sent stamps, post cards.

(Desrosiers-MA). cd. in 59 ds. for 7155 (McCarthy-FL).

KENYA: Voice of Kenya 4934 f/d ltr. in 3 wks. for 1 IRC.

v/s Rashid Bakuli. (Tuchscherer-WI). same in 35 ds. w/

personal ltr. asking for a 1979 Illinois calendar (Bryant)

KIRGHIZ: Radio Moscow via Frunze on 17835 w/ f/d cd. in 47 ds

from the British Section of Radio Moscow. (Wirsz-BC).

KOREAN PEOPLES REP: Radio Pyongyang 9977

colorful "Revolutionary" cd. in 320 ds.

for 3 IRCs. Also rcvd. cards, button and

pennant. (Gavaras-MN).

KOREAN REP: Radio Korea 9720 f/d "Flower" cd. in

in 255 ds. for 3 IRCs. Rcvd. pennant. v/s

Kang Kyungwha. (Gavaras-MN). 11965 in 3 wks.

w/ "Kyungbok Palace" cd. and a new green pennant. (Barto-CT).

KUWAIT: Radio Kuwait 12085 folder cd. in 5 wks. (Barto-CT).

LAOS: Lao National Radio-Vientiane 7145 personal ltr. in 2 mo. v/s

Boun-Mek Phengsavanh, Deputy Director. Two IRCs sent. (Lobdell-MA).

LATVIA: Radio Moscow 15140 via Riga w/ f/d cd. in 131 ds. (Gionet-NB).

Rcvd. 3 pennants from Latvijas Radio...all different colors. (Barto-CT)

LITHUANIA: Radio Vilnius 12060 "Flower" cd. in 3 mo. (Shaffer-MD).

MALAYSIA: BBC 11750 Tebrau "WRC DX Award" in 3 mo. (Klein-FL).



Radio Calama Soc. Ltda.

Emisoras Ondas del Orteguaza
 onda larga
 HJAU-1.160 KHZ
 onda corta
 HJQA 4975 KHZ
 F.M.
 91.7 MGHZ
Verdadera potencia



Florencia-Caqueta
Colombia-Sur America
Agradecemos infinitamente su amable sintonia.
sonora, orgullo de la región

MALI: Radio Nationale 5995 f/d
"African" cd. In 56 ds. for a
FR rpt. and 2 IRCs. (Hoffman-PA).
MEXICO: Radio Mexico 15385 ltr. In
192 ds. for a SP rpt. v/s Jorge
Haro Romero, Jefe. Also rcvd. a
3 colored plastic pennant. (Pon-
der-LA). 9705 in 21 ds. via reg-
istered mail. Pennant rcvd. (Hoff-
man-PA). XEQM 6105 very friendly
ltr. in 16 ds. for a SP rpt. v/s
Mario E. Gonzalez Peraza, Gere-
nte. Huge book rcvd! (Klein-FL).

MONGOLIA: Radio Ulan Bator 12068
blue and gold logo cd. in 81 ds.
w/ station pennant. (Shaffer-MD).
NEW BRITAIN: Radio East New Britain
3385 f/d "Map" cd. in 111 ds.
for an EG rpt. (Salay-OH).

NEW CALEDONIA: Radio Noumea 11710
ltr. w/ map of country on it in
5 mo. for an EG rpt. Addr: FR3,
B.P. G-3, Noumea, Cedex. (Fedor-
CA). 7170 in 4 mo. (George-TX).

NEW ZEALAND: RNZ 6105 f/d "Fishing"
cd. in 1 mo. for 2 IRCs. Tan pen-
nant rcvd. (Klein-FL). 17860 w/
f/d "Mountain and Lake" cd. in
3 wks. for 2 IRCs. Also rcvd.
pin, pendant and pennant. (Shaff-
er-MD). same cd. for 15130 in 24
ds. for 1 IRC. (Wirsz-BC).

NICARAGUA: Radiodufusora Nacional
5950 partial data ltr. in 52 ds.
for a SP rpt. and 1 IRC. v/s
Orlando Meza Lira, Director General. (Clifford-WA).

NIGERIA: NBC 4990 via Sogunle w/ f/d ltr. in 36 ds.
for 1 IRC. (McDavitt-NY). NBC via Benin City on
4932 w/ f/d "Flag" cd. in 41 ds. (Howard-CA).
Volce of Nigeria 15120 via Ikorodu w/ f/d cd. in
6 wks. for 1 IRC. (Kapinos-MA).

NORWAY: Radio Norway 17840 f/d "Autumn at Lake
Gjende" cd. in 19 ds. for 1 IRC. (Fraser-MA).

OMAN (Masirah Island): BBC 9590 "Bridge" cd. in 17
ds. for 1 IRC. (Onken-IL). same cd. for 7140 in @
1 mo. (Valko-PA).

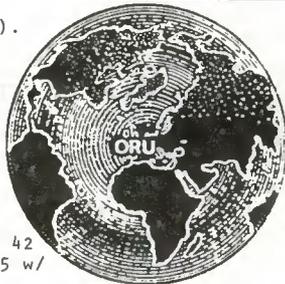
PAKISTAN: Radio Pakistan 21590 "Four Scenes" cd. in 42
ds. Addr: P.O. Box 443, Karachi. (Wirsz-BC). 15515 w/
2 cds. in 6
and in 3 wks.
(Matthews-OH)

PAPUA: NBC 4890
f/d "Map" cd.
in 43 ds. for
2 IRCs. Also
rcvd. pennant
(Gold-FL).
Radio East
Septk 3335 w/
f/d yellow cd
w/ Wewak mark
ed on the cd.
Rcvd. in 30
ds. for 2 IRC
v/s P. Kovir-
omo, Manager.
(DeFeyter-MI)

ORF
OSTERREICH



ICI LA SUISSE - SWITZERLAND CALLING



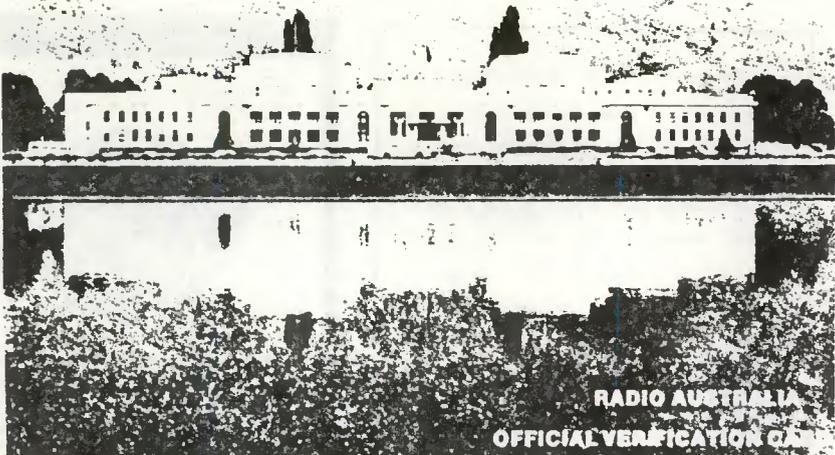
stereo · radio

GAMMA

international



via sogliano, 58 tel. 0541-944592
savignano sul tibicone (FO)



- PHILIPPINES:** FEBC 15450 f/d "30 Years of Broadcasting" cd. in 32 ds. for an EG rpt. and 1 IRC. (McDavitt-NY). AFRTS 11840 f/d cd. in 41 ds. (Gionet-NB) Radio Pilipinas 9580 f/d cd. and ltr. in 70 wks! (Wirsz-BC).
- PORTUGAL:** Radio Japan 11825 via Sines very colorful cd. in 33 ds. (Wirsz-BC). Radio Portugal 11935 f/d "Costumes" cd. in 30 ds. for 1 IRC. (McNair).
- QATAR:** QBS 9570 colorful "Map" cd. in 240 ds. v/s Abdulrahman Yousof Al-Darwish. Sent 3 IRCs and ms. (Gavaras-MN)...This has got to top the Ugandan and Cameroon v/s's...Sam.
- ROMANIA:** Radio Bucharest 9690 w/ "Chalet in Valley" cd. in 99 ds. (Byron-NY). same cd. for 9570 in 4 mo. for 1 IRC. (Miller-WV). 11840 w/ f/d "Coastal" cd. in 1 mo. There SW Club is so rough it ought to have a pension plan! (O'Donnell-PA)...See, I'm not the only one who says crazy things! Hi!...Sam.
- SARAWAK:** RMS 4950 Kuching f/d "Broadcasting House" cd. in 20 ds. (O'Riordan-ID). 4835 w/ same cd. in 17 ds. for ms. (Hoffman-PA).
- SENEGAL:** Radio Senegal 4890 f/d "Stringed Instrument" cd. in 37 ds. for a FR rpt. and 1 IRC.
- SIERRA LEONE:** SLBS 5980 Freetown (Brooker-ONT). f/d personal ltr. in 90 ds. for an EG rpt and 2 IRCs. v/s H.A. Lynch, Director General. (Onken-IL). same in 3 wks. for 3 IRCs. (Matthews-OH).
- SINGAPORE:** BBC 11750 f/d "DX Award" in 2 mo. (Overcamp-SC)...Not sure if this is Malaysia myself Tom. I'm not even sure if the BBC knows!...Sam. Radio Singapore 11940 f/d "Singapore by Night" cd. in 86 ds. (Shaffer-MD). 9635 w/ same cd. in 45 ds. (O'Riordan-ID).
- SOLOMON ISLANDS:** SIBC 5020 f/d white cd. in 171 ds. for 1 IRC. (Bryant).
- SOUTH AFRICA:** Radio RSA 9610 f/d "Surf City" cd. and pennant in 26 ds. (McNair-TX).



Уважаемый Michael S. Harriester!

Это подтверждение Вашего сообщения о том, что Вы слушали передачу Московского радио радиостанция "Родина"

This verifies your report on the reception of Radio Moscow's broadcast for _____

Дата 09.10.78

Date

Время 23.30-24.30

Time

Частота 16 М

Frequency

РАДИОСТАНЦИЯ «РОДИНА»

- SOUTH AFRICA:** Radio RSA 9610 f/d "Surf City" cd. in 16 ds. (Hamilton-SC). 9610 w/ f/d "Drakensberg" cd. in 18 ds. (Torre-CA). 11900 w/ same f/d cd. in 21 ds. for 1 IRC. (Fraser-MA). Springbok Radio 4810 w/ f/d "Communications College" cd. in 33 ds. for ms. (Wheeler-KS). same w/ "Industries" cd. in 27 ds. for 1 IRC. (Schmidt-WI). ZUO 5000 w/ f/d ltr. in 4 wks. for 1 IRC. v/s R. Lake (Kapinos-MA)
- SPAIN:** Radio Exterior de Espana 11880 f/d "San Clemente de Tahull" cd. in 28 ds. (Grenier-CA). 11880 w/ f/d "Casares" cd. in 40 ds. (Calderwood-CO). same in 65 ds. (Wirsz-BC). 9630 w/ f/d "Sierra Nevada" cd. in 28 ds. for an EG rpt. (Martin-PA).
- SWEDEN:** Radio Sweden 15240 f/d "Carl von Linné" stamp cd. in 30 ds. (Grenier-CA). same f/d cd. for 11705 in 2 wks. Sticker and SCDX Bulletin rcvd. (Torre-CA). same for 9695 in 3 wks. (Kapinos-MA). 21505 via Horby w/ same f/d cd. in 15 ds. (Matthews-OH).
- SWITZERLAND:** Swiss Radio International 6045 f/d "Schiora Mountain Range" cd. in 18 ds. Sticker rcvd. v/s J.A. Chisom. (Torre-CA). 6045 w/ "Fribourg" cd. in 25 ds. v/s W. Frankhauser, Press Office, (Clifford-WA).
- TAHITI:** FR3 15170 f/d cd. in 25 ds. for 1 IRC. (McDavitt-NY). same in 25 ds for a FR rpt. and 1 IRC. (George-MO).
- TAIWAN:** Voice of Free China 17890 f/d "Horses" cd. in 29 ds. w/ pennant, flag and stamps. (Shaffer-MD). same in 29 ds. w/ flag (Wirsz-BC).



Dario Monterferri recently presented this to me.

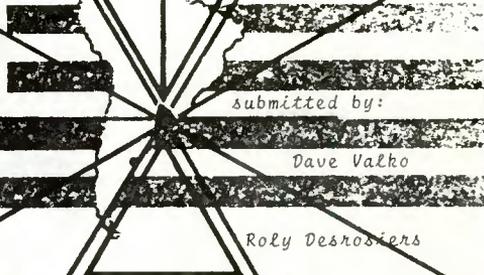


I am presently working to obtain several more of these for the next New England Area DXers Outing...Sam.

LA VOZ
DE LOS
ESTADOS UNIDOS
DE AMERICA

SODRE

SERVICIO OFICIAL DE DIFUSION RADIOELECTRICA
REPUBLICA ORIENTAL DEL URUGUAY. Montevideo.
Mercedes 823



submitted by:

West Buras

Dave Valho

Roly Desrosiers

CXA 4 - 6.125 Kcs. CXA 6 - 9.620 Kcs.
CXA 10 - 11.895 Kcs. CXA 14 - 15.300 Kcs.

TAIWAN: VOFC 15425 "Horse Painting" cd. in 22 ds. w/ pennant. (Valko-PA).

THAILAND: Radio Thailand 11905 f/d "Gold Dragon" boat cd. in 87 ds. w/ schedule. (Shaffer-MD).

TURKEY: Voice of Turkey 9515 "Man in the Moon" cd. in 30 ds. for 1 IRC. (Burke-FL).

UGANDA: UBC 15325 f/d ltr. in 62 ds. for 2 IRCs. v/s Kizza Kizito. (Gold-FL). same in 138 ds. v/s Cosma Warugaba. (Salay-OH). same in 160 ds. (Wirsz-BC).

UKRAINE: Radio Moscow via Vinnitsa on 9720 w/ f/d cd. in 5 wks (Kapinos-MA). via Simferopol on 17815 and on 15425 in 47 ds. (Wirsz-BC). on 7195 w/ f/d "Apartment" cd. in 26 ds. (Desroslers-MA). via Lvov on 15135 in 7 wks. w/ "Building and Flowers" cd. (Klein-FL). on 6200 w/ f/d cd. in 58 ds. (Gionet-NB). on 9660 via Ivano-Frankovsk w/ "Birch" cd. in 1 1/2 mo. (Twiggs-CT). via Vinnitsa on 9540, 7195 via Simferopol, 7165 via Kiev and on 7115 via Ivano-Frankovsk in @ 1 mo. (Prisco-PA). Radio Kiev 7150 w/ f/d "Palace" cd. in 66 ds. (Martin-PA). same in 3 mo. (Kapinos-MA). same in 86 ds. w/ "Bogdan Khmelntsky Square" cd. (Gold-FL). 6022 (?) in 47 ds. (Joseph-LA). 11860 w/ f/d "Cathedral" cd. in 90 ds. (McNair-TX).

UPPER VOLTA: Radio Voltaique 4815 f/d form ltr. in 191 ds. for a FR rpt. (Salay-OH).

URUGUAY: SODRE 15273 blue and white "Flag" cd. in 1 year for an EG rpt. v/s Jaime Bravo, Director (McCarthy-FL). same in 13 mo. (Fedor-CA). 9515 w/ same cd. in 15 mo. for 1 IRC. (Clift-ONT). same in 8 mo. Addr: Servicio Oficial de Difusion Radioelectrica, Republica Oriental del Uruguay, Montevideo, Mercedes 823. (Valko-PA). in 1 year for ms. (Lazarus-LA). 11885 in 8 mo. for an EG/SP rpt. and 2 IRCs. (Onken-IL). in 8 mo. for 2 IRCs (Tuchscherer-WI). in 388 ds. for 3 IRC (Prisco-PA). same in 8 mo. (Hamilton-SC). in 288 ds. for an EG rpt. (Gionet-NB). in 37 wks. (Buras). in 287 ds. for 1 IRC. (Desroslers-MA). 11885 and on 15273 in 5 wks. (Barto-CT). What happened?

USA: UN Radio 11930 blue and white cd. in 7 mo. (George-MO).

WINB 15185 f/d cd. in 5 wks. (Margrutz-NE). same in 10 ds. (McDavitt-NY). in 20 ds. (Gionet-NB). WMCS 2800 (2x1400) Machias, ME. f/d ltr. in 10 ds. v/s Keith Fernald, GM (Barto-CT). WWV 15000 and 20000 w/ f/d cd. in 3 wks. v/s John B. Milton. (Margrutz-NE). 20000 w/ "Indian" cd. in 1 wk. (Klein-FL). WYFR 5985 f/d "Globe" cd. in 34 ds. (Schmidt-WI).

AFRTS Dixon on 17765 w/ f/d "Logo" cd. in 1 mo. (Margrutz-NE). AFRTS 11790 w/ same cd. in 25 ds. (McNair-TX). W/FAT "Fat City Radio" 1620 f/d B&W hand made cd. in 23 ds. For a phone call to JK Superstar. Station claims to be using less than 100 watts fed into an end fed Zeppelin antenna. (Hoffman-PA)... Very nice catch indeed!!!... Sam.

I. B. A



Canadian Forces Network
102.5 MHz
Radio des Forces Canadiennes
101.2 MHz

This station is hard to hear on the East Coast. You could say it bombs out!

空軍廣播電臺
台北市仁愛路一段四十四號
VOICE OF CHINESE AIR FORCE
44 SEC II, JEN AI ROAD TAIPEI TAIWAN,
THE REPUBLIC OF CHINA
TEL 439481

USSR: Radiostansliya
 Rodina 17845 cd. In
 RS In 84 ds. (Hardes-
 ter)...Mike would
 like one of our mem-
 bers to translate the
 QSL on the preceding
 page. Addr: CFAO Med-
 ical, FPO Seattle, WA
 98770.....Sam.

UZBEK: Radio Tashkent
 6025 f/d cd. in 5 wks
 (Barto-CT).

VIETNAM: VOV 15012 cd,
 and pennant in 55 ds.
 (Gavaras-MN). same w/
 pennant in 2½ mo.
 (Twiggs-CT). 12035 w/
 paper cd. in 209 ds.
 (McCarthy-FL). 10040
 w/ f/d cd. In 3 mo.
 w/ station pennant &
 Information (Matthews)

WEST IRIAN: RRI *Sorong*
 4875 f/d cd. in 70
 ds. for an EG rpt. &
 2 IRCs. v/s Soedarsono
 (Salay-OH). same w/
 tan colored "Logo" cd
 in 70 ds. for 2 IRCs.
 (Onken-IL). same in
 34 ds. for an EG rpt. and US stamps. (McCarthy-FL)..

YUGOSLAVIA: Radio Beograd 9620 folder cd. in 4 mo. (Shaffer-MD). same "Ohrid"
 cd. after 4 years of trying! in 3 mo. for an EG rpt. and 5 IRCs (!!!) This
 is my VIC # 1281 (Wiles-WV).



Hi FAT listeners, thanks for requesting a WFAT Q.S.L.
 card. WFAT has studios, offices and transmitters located
 somewhere in New York City. WFAT operates on a frequency
 of 1620 KHZ. Our transmitter output is under 100 watts
 emanating from our end fed zeppelin antenna. Thanks for
 all your help.

*from the collection of
 Charles Hoffman in Pa.*

Best wishes to you
 always from your friends
 at CLEAR CHANNEL 1620
WFAT NEW YORK.

Thats it for this time gang. We had a total of 98 countries reported. For this
 year I will try to give you the latest QSL information and the very best in
 QSL illustrations. We have had many, mant firsts in this column. This month
 alone, to the best of my knowledge, we were the first club to show you the
 Vatican pennant, the WFAT QSL and the Radio Skandinavia card. If your look-
 ing for the best in DX tips and QSL information, you will find it in the
 pages of FRENDX...Sam.

Bill McDavitt of R.D. #2, Box 141 in Taberg; NY 13471 would like information
 on the QSL policy for RAE in Argentina...Can someone help?

Verification Signers.....Radio Relogio 4905: Otto Silveira, Assistente
 Tecnico.....Radio Universidad 6098: Jose Tasies Solis, Director.....Radio
 Mil 4930: Julio Castillo Jimenez, Departamento Relaciones Internacionales
RTVD 5975: Bruno Pimentel, Director.....via PLAY DX....More next month.



Overseas Service of KBS

RADIO KOREA

Korean Broadcasting System
 Seoul, Korea

Best
 of DX,
Sam

update

February 1979 *** Number 36

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA

(816) 931-5943 0030-0400 only

UPCOMING DEADLINES: 10 February (Mid-Feb) 19 February (March) 12 March (Mid-March)

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

- ALBANIA Gjirokaster, 5057, at 0440; ah, the gypsy life for me No mistaking the violin mx on this one. (tba)
- BOLIVIA R. Panamericana, 6035, in SP 1035; "Buenos Dias Bolivia," ID, Bolivian mx, flutes, guitars, and a het w/ the USSR. (Jack Jones, MISS)
- BOTSWANA Caberones, 4845 in Setswana 0405; andthem and Southern African tribal chants. Best ever here--true armchair copy. (tba)
- BRAZIL R. Relogio Federal, 4905, in PT 0235; serious news-like talks by M & W, and a few pips, many fewer than usual. (tba) +++ R. Borborema, 5025, in PT 0241; just peeking through w/ talks and samba mx. (tba) +++ Ceara R. Clube, 6105; in PT 0946; talk by M and Brazilian vocals. Frequent IDs. (Jeff O'Donnell, PA; 12-31)
- BULGARIA Sofia, 5915, in EG 2143; commentary on 1978, Bulgarian-American relations, and "Social World of Today" px. (Roly Desrosiers, MASS; 1-3)
- CAMBODIA Voice of the Republic of Cambodia no longer heard on 9693. Heard EG px at 1200-1230 up to 5 Jan 79. When I tuned in at 1200 7 Jan they were no longer there, as Vietnamese had overrun Phnom Penh. Another stn gone--at least till new government takes over. (Bob Zilmer, WI)
- CAMEROON R. Caroua, 5010, at 0525; typical chants w/ drums and flutes. (Stu Klein, FLA)
- CANADA CHNX, 6130, in EG 0930; in well w/ nx, C&W mx and many IDs. (O'Donnell, PA; 12-28) ++ CKZN, 6160, in EG 0942-1020; weather, EL mx, TC as 6:23, report on new ice and open water, nx at 1000, sports at 1010. Fair. (Ron Howard, CAL; 1-14)*** very nice, OM. tba
- CHILE R. Univ. de Concepcion, 6135, in SP 1010; ID, nx. (Jones, MISS; 1-11) +++ VoChile 11890, in EG 0100; excellent w/ commentaries to 0127. (Zilmer, WI; 1-1/)
- CHINA RP, 15600, in EG 0130; comment on how they will pay for all the foreign goods they will buy. Good and // 15520. (Zilmer, WI; 1-17)
- COLOMBIA Em. Meridiano 70, 4925, in SP 1035; ID, TC, greetings to listeners, ID as "Meridiano Setenta." (Jones, MISS; 1-19) +++ Ondas del Darien, 6085, in SP *0850; mx to ID, calls and freqs at 0853, followed by NA. (Jones, MISS; 1-17)
- COOK IS. RCI, 5045, in EG 0655-0720; positive clear ID as R. Cook Is. 0655. R. Australia nx 0700. List of boat or plane arrivals 0710, then into string of fifties' rock and roll records. Many TCs. Audio quality best ever. (Howard, CAL; 1-5)
- COSTA RICA R. Reloj, 4832 // 6006, in SP 0640; more from Theodore, Simon and Alvin in SP. For this I listen to SW?!?!? (Klein, FLA) *** I enjoy the CHU time pips very much. tba *** Reloj also noted on its harmonic of 12012 at 0125. (Jerry Berg, MASS; 1-14) *** Nice to have you back on board, OM. tba
- CYPRUS Cyprus B'casting, 7230, 2210-2216; guitar IS, s/on 2215. (tba)
- ECUADOR R. Tropical, 3340, weak with mx at 1100, but clear ID, 1113 and soon faded. Also noted *1104 15 Jan w/ echo chamber during ID. UTE sometimes here, blocking reception completely. (Berg, MASS; 1-11) --- Tropical also noted in SP at 0249 w/ ID, LA pops. Still using the echo chamber during annmcs. (Jones, MISS; 1-9) +++ R. Luz y Vida, 4851a, in SP 1135; ads, ID, "musica Ecuatoriana," band mx, nx "nacional y internacional". (Jones, MISS; 1-18) +++ LV del Saquisili, 4900, pretty good w/ HC mx to 1100 then ID and into guitar mx. Seems to ID for both R. Libertador (MW) and LV de Saquisili, and occasionally as R. Saquisili. No sign of Venezuelan. On 12 Jan popped on 1109 w/ HC mx to 1115 ID. (Berg, MASS; 1-11) +++ Ondas Azuayas, 4980, very good after Venezuelan s/off 0400 13 Jan. Quick IDs between almost every song, full ID 0434, anncing MW, SW, and FM. Then "Musica Ecuatoriana. Big het 0440, presumably from Ghana. (Berg, MASS) +++ Ondas Canaris, 5040, in SP 1116; Ecuadorian mx, positive ID, possible short devotional, more mx. Finally got ID after several weeks effort. (Jones, MISS; 1-18) +++R. Nac. Progreso, 5065, in SP 0625; off freq and badly overmodulated. (Klein, FLA)
- GERMANY (FED. REP.) Sudwestfunk, 7265, in GM 0500; nx by W. (tba)
- GUATEMALA R. Mam, in SP 0205; W anncr, usual marimbas, big signal. (Jones, MISS)
- GUINEA Conakry, 4910, TENTATIVE in lang 0250; talks by M & W all very serious. In a bit early and no ID noted so call it tentative. (tba)
- HAITI R. Citadelle, 6156, switched on 0946 w/ no anncmt and right into romantic SP numbers. ID 1003 as part of daily nx px. Seems to s/on on Sundays at about 1030. (Berg, MA)
- HONDURAS R. Lux, 4890, in SP 0200*; "Staying Alive", ID, names of stn personnel, call, freqs. Good. (Jones, MISS; 1-18)

INDIA In the December UD, Jim Conrad reported that his reception of AIR on 11620 from 1745-2230 was a test transmission. This assumption is incorrect; the target area is WEur and the UK. The freq is audible every day here in Ohio. (Bill Matthews, OHIO) ***Comments, anyone??? tba

INDONESIA RRI Ujung Padang (Celebes) 4719, poor sig but definite ID 1100 and partial ID at 1130. Talks in Indo by M & W and much mx. (O'Donnell, PA; 12-28) +++RRI Sorong (Irian Jaya), 4875, in Indo 1230; long talk to fade out after clear ID. (Klein, FLA)

KENYA VoK, 4915, in Swahili 0405; nx or similar talks much poorer than 4934. (tba) ---VoK, 4934, in EG 0400; in very well w/ nx despite high local QRN. (tba)

LIBERIA ELWA, 4770, at 2215; ID, TC "Youth in Action" px. (Klein, FLA)

LIBYA PRBS, 5980; stn reported as Lebanon here is Libya. "Arabiyah al Libya" ID and anthem per HAP tape 0600. Great sigs. (O'Donnell, PA)

MALTA R. Mediterran, 9670, in EG 0720-0758*; Saturdays only, *0700. "Malta Calling" w/ history, interviews rock mx. Check of freq on 15 Jan showed nothing there but VOA to 0700 and R. Australia thereafter. (Wildier Pickard, ILL; 1-13)

PERU R. Tropical, 4935, in SP 1104; disco and US pop mx, ID as R. Tropical and "Tropical, Tropical, Tropicalismo (???)"; heard weakly at 1040 w/ typical Peruvian mx, much better 1104. Tropical pronounced Tro-PEE-cal. (Jones, MISS; 1-19)

PHILIPPINES R. Veritas Asia, ending FE lang px 1530 on 11825 w/ ID and site and review of times and langs. Believe this is one I heard earlier at s/off in EG after FE lang px on 15164. (Berg, MASS; 1-15) --- RVA also noted on 15275 in Vietnamese 2230-2255. Then EG ID and freqs--15275, 11725, and 17710. At 2300 into Indo, CH 2330-0000 and EG w/ much mx at 0000. 15275 poor; 17710. very poor; 11725 not noted. (Zilmer, WI)

PIRATE BBC nx, 0312 12 Jan reports that the ship carrying pirate stn R. Caroline was damaged and in danger of sinking in waters off Essex. The crew was rescued and may face prosecution for illegal radio b'casts. Attempts were made to salvage the stn's record collection. Owners of the stn have been prosecuted 21 times since 1967. (BBC vai tba)

TAIWAN VoFC, 17890, at *2300; chime IS, CH ID and into SP. (O'Donnell, PA)

TANZANIA Dar es Salaam, 4785, in well 2040+ 15 Jan; Afr mx and Swahili talks 2040, nx 2055, anthem to 2100*. (Berg, MA)

USA (PIRATE) WFAT, 1620, in EG 0915 12 Jan. Good sigs and also noted weakly on 3240 H. Called and "Larry Crane" said they run 100w, but not really sure. Also noted several times lately, and seems pretty regular on weekends. On one day to 1230*. (Berg, MASS)

USSR Mayak noted on 5060 at 2030 tune by 15 Jan. (Berg, MASS) +++ R. Murmansk, 5930, in RS w/ IS 0515, ID and talks. First time here. (Berg, MASS)

RADIO MOSCOW WORLD SERVICE AND REGIONAL SERVICE TRANSMISSIONS AUDIBLE IN KANSAS CITY, JANUARY 1979; compiled by Tom Alleman
Where listed, sites are via USSR HF B'cast Nxletter.

7105	Simferopol	WS, 2217	7260	Yuzhno-Sakhal- insk	PCNA Ser ID, 0507
7115	Ivanofrankovsk/ Plovdiv	ECNA Ser 2300-0400 RP&P SP, 0400-0430 R. Sofia EG, 0430 WS 2216	7320	_____	Mayak??, 0406 Kiev, 2203
7150	Lvov/ Simfero- pol	SP to Carib, 2300-0400 RP&P SP, 0400-0430 Mayak 0430 Kiev in Ukr, 2215	7330	Starobelsk/ Vinnitsa	SP to Carib, to 0400 RP&P SP, 0400
7165	Kiev/Nikolaev	ECNA Ser, 2300-0400 WS 0400+	7340	_____	HS 1, 0442
7175	Khabarovsk	PCNA Ser, 0413	7360	Moscow/ Armavir	SP to Carib, 0400 RP&P SP, 0400 Mayak, 2130-2200 Kiev, 2200
7195	Simfropol	ECNA Ser, 2300-0400 WS, 0400-0515+ WS, 2200	7380	Moscow/ Zhigule- vsk	RP&P SP 0400
7215	Vinnitsa	Kiev/Vil./ Rod. to 0400 WS, 0405	7440	Moscow	WS, 2134
7230	Kazan/Kiev	SP to Carib, to 0400 RP&P SP, 0400 WS 0503			Out of space this trip. More Moscow WS review in the next UD. Tnx to all who contributed.
7240	Tula/Moscow	WS, 0502			73, <i>Tom</i>

log report section

1600-4899



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We are now on the "down" side of the present DX season, the Christmas and New Year period having passed us by, and many of us have enjoyed quite a lucrative mid-DX season. Having tried for years to log the 10 watt relay of CKWX-Vancouver,

I finally triumphed in late December, using only a stick antenna on the SPR-4. Which only goes to prove what can be heard with a lot of patience and the proper conditions. Many thanks to all who took the time to contribute to this month's Log Report sections.

***** LR - A D I SPOTLIGHT *****

- * 3355 INDIA AIR-Kurseong: 1225-1235 w/slow chanting by M, tlks in poss Hindi, *
* time pips at 1230, ancmts by W to 1235 f/o (Barto 12/22) In vernacular lang *
* M & W w/nx, ID 1400 as AIR (Godfrey 12/17) *
- * 4735 PAKISTAN RP: 2020-2030 in poss Urdu w/light vocal mx, ID, ancmts (Barto) *
- * 4838v COLOMBIA Radio Tamboral: 0504-0524 w/Feliz Ano Nuevo ancmts, plenty of *
* IDs, wild Colombian mx. This day (1/1/79) only...this station apparently *
* the successor to the old Ecos del Puerto Martinez (McNeil 1/1) The old *
* Ecos was a 90 watt station, while Tamboral is listed in WRTH '79 as being *
* inactive on 4835 with one kW. *

- 2160H COLOMBIA LV de Suramerica: First noted 12/25 at 0550, 0554 TC for 12:55, ID 0558, 0605 "la chica musical" slogan, 0618 ID, 0624 TC. WRTH lists stn with this name as HJPF 1160 reported, 1080 nominal, in Bucaramanga, while also listing another stn on 1080 with HJPF call Radio Antena, FloridaBlanca. (Hauser) 0040-0400 SP, id as member of La Cadena Lider de Sudamerica (Wood 12/13)
- 2200H NICARAGUA Em La Lider: 0230 SP, typical LA mx, ID (Prath 12/19) 0053-0100 SP, "Esta es La Lider en Managua..." w/US/LA mx...2 x 1100 (Wood 12/13)
- 2200 CHINA Fuzhou: 1323 CH, W with tlk, hrd //2340 (Godfrey 12/8)
- 2310 BRAZIL R. Progreso: 0142-0150 PT w/local orchestral mx, TC, ID(Sapeznikow)
- 2340 CHINA Fuzhou: Pgm of select recordings of the late, great Paul Robeson...a rare treat to hear the late master baritone singing Battle Hymn of the Republic, Old Man River, etc. 1338-1401 w/W at end saying "goodbye" Who said you can't have beautiful programs along with DXing? (Poppin 1/4) George, was this in CH??-DR 1200 w/march mx and CH tlk (Osterman 12/15)
- 2390 GUATEMALA LV de Atitlan: 1119 SP, M with tlk (Osterman) 0245 marimba mx, peps, QRN (Prath 12/19) 1115-1132 w/LA mx and ID 1129 (Cucura)
- 2390 MEXICO R Huayacocotla: 0155 SP M w/ID, Fair and clear, E (G. Sherman 12/12) 0155 w/agricultural tlks and ID(Sapeznikow 12/12) 0123 w/vocals, instr mx and "Radio Huayacocotla presente....." (McVicar 12/12)
- 2420H GUATEMALA R Rumbos: 1132 M w/SP tlk, LA mx, 2 x 1100 (Osterman) 0235 (Marker)
- 2457.6 UNID: In oriental type lang at 1115-1131 on 12/25 (Barto)
- 2490 BRAZIL R. Educ Rural: 0135-0205 PT, 1cl mx and tlk, 0200 ID as "Radio Educadora Rural de Ceara...." (Cucura 12/15) 0207-0233 w/pgm of children's choir singing carols, mention of Radio Tropical by W followed by QTH as "OON-KWA-ROO Amazonas Brazil..." (Sapeznikow 12/12)
- 2745 NO KOREA Sinuju: 1218 W with pleasant Korean melody, flute, orch mx(Poppin)
- 2850 NO KOREA Pyongyang: 2220 KR, political tlk. Lowest freq long path noted so far (Wood 12/12)
- 2860h COLOMBIA Antena de los Andes, Libano: 2 x 1430 w/SP at 0400, "Somos profesionales somos Todelar..." and local ID (Wood 12/13)
- 2912H HAITI Voix du Nord, Cap-Haitien: 0230-0330 FR, many clear IDs, "Vous etes a l'ecoute de R. Voix du Nord..." with dedications, FR, LA and US mx, but all FR tlk, no Creole, presumably 2 x 1456 but fundamental unheard (Wood 12/14)
- 2916 ALBANIA R Tirana: 0400-0425 in multi-lingual tlk "anti-Chinese Social Imperialists..." at good level. Is 2 x 1458, first European MW harmonic hrd here. Has anyone else in NA hrd a Euro MW harmonic, or has a NA MW harmonic been hrd in Europe??(Wood 12/13 and 1/2) This outlet listed as 500kW-DR
- 2920 NICARAGUA Ecos de las Brumas: 0704 SP, Made my annual Xmas check here and found this one w/ID and long periods of tlk, 2 x 1460 (Hauser 12/25)
- 3170 CZECHOSLOVAKIA OIB5: 0400 here with time pips, CW ID 0534 (Saylor)12/29)

- 3200 CHINA Fuzhou: PLA at 1104 CH, W in tlk, vocals //3400(Krueger 12/11) 1152
In tlk (Osterman) 1238 CH songs //3400 (Onken 12/10)
- 3200 SWAZILAND TWR: Manzini here 0320 w/religious; pgm, strong signal (Field)
- 3204 JAVA RRI Bandung: 1147-1200 IN, w/native vocals, flute and drum mx, ID at
1159. Other Indos w/weak signals this morning on 3232, 3250, 3265, 3345, 3395,
3223, 3225, 3186 and 3241 all too weak for decent copy (Barto 12/25)
- 3205 BRAZIL R Ribeirao Preto: 0245 PT ID by M, pretty good signal (G. Sherman 12/13)
0130-0140 in PT w/tango, ranchera and other LA mx (Sapoznikow 12/12) 0225 w/mx
pgm, ads, still going strong at 0350 (Field) 0125 PT (Gress 12/4)
- 3225 VENEZUELA R Occidente: 1047 SP ID, "Transmite R Occidente" by W, vocal mx,
strongest stn on bnd 1/2(Lobdell) 0153 w/mx, ID(Sapoznikow 12/124) 1100(Prath)
- 3230T TAIWAN BCC: 1050 CH tlk by W, F/G (Johnson 12/31)
- 3235T BRAZIL RC de Marilia: From 0345, mx pgm, PT tlk, no ID (Field)
- 3235 INDIA AIR Gauhati: 1354 ID in lang M&W in tlk followed by mx, ID 1400, and
more mx (Godfrey 12/11)
- 3245 PAPUA NEW GUINEA Radio Gulf, Kerema: 1228 EG, pop mx, light mx, M with anmts,
Fair to good signals (McVicar 12/9)
- 3255 VENEZUELA LV del Tigre: 0405 w/SP tlk (Field) 0130 SP, soccer game from Rumbos
Net and lcl ID during break (Sapoznikow 12/14) 1030 LA mx (Prath)
- 3255 BRAZIL R dif Brasileira: 1014 PT, Brazilian mx, ID at 1022, 1029(Cucura 12/16)
- 3260a ECUADOR: From 0230 w/mx pgm to 0507*, ID as "Radio Triunfo...Santo Domingo
de los Colorados..." at other times simply Radio Triunfo(Field) 3262a, think
LV Rio Carrizal w/mx pgm, seeming to s/off at 0301 but back on at 0330...weaker
than Radio Triunfo (Field) Might these be the same stn, Marlin?DR
- 3260 PAPUA NEW GUINEA Radio Madang: 1232 w/pop mx and CW tunes, M w/anmts(McVicar)
- 3260 CHINA Guilzhou: 1151-1200 in CH w/operatic mx (Barto 1/1)
- 3265 SULAWESI RRI Bengkulu: 1345 IN male announcer w/tlk, mentions of Indonesia
and Bengkulu, mx w /w vocalist, Indo type songs (Godfrey 1/6) 1307 w/orchestral
mx and anmts (Onken)
- 3277 JAVA RRI Jakarta: 1410-1440 IN w/Easy Listening type mx, M ancr with RRI ID
1428, followed by opera mx //6045 which was QRMed by Australia (Godfrey 12/11)
- 3280 ECUADOR LV del Napo: 1020 SP, LA mx, vocals, tlks by M (Prath 12/23)
- 3286 PHILIPPINES PBS: Re recent rpt of this one, I received a very warm letter
verifying reception from Chief Engineer (Poppin)
- 3295 BRAZIL R Iguatemi: 0245-0250 in PT, local vocals followed by fqy ancmnt and
ID (Sapoznikow 12/15)
- 3300 GUATEMALA R Cultural: 0250 EG, Xmas mx, SP ID, EG ID(McCants) 0244-0330 SP
Xmas mx, EG after 0300(Schmidt 12/16)
- 3306 RHODESIA RBC: 0340 EG/Vern, pops w/British accent, ID 0345 (Clark 12/23)
0335-0400 EG and lang, pops, M DJ in EG, 0355 EG ID, into African mx(Howard)
- 3315 INDIA AIR Bhopal: 1345-1406 Hindi or Gondi, Men with tlk, poss interview,
M w/chant/vocal between tlk by men (Godfrey 12/17)
- 3320 SOUTH AFRICA Radio 5: 0350 EG, pop mx, IDs (Saylor) 0312 w/IDs (Valko)
Nx of world and Africa in EG for 5 minutes then back to mx (Howard) 0336 w/
pops (Osterman) Radio 5 IDs between songs (Delap at 0315) 0330 (Clift)
- 3322 PAPUA NEW GUINEA R North Solomons: Kieta at 1226 w/"You're Sixteen" and other
pop tunes, good signal on 12/9 *McVicar)
- 3325 GUATEMALA R Maya de Barillas: 0336 SP, light orch mx, IDs as R Maya, off at
0343 (Saylor 12/21)
- 3325 ECUADOR Ondas Quevedenas: 0930 SP, M giving TC, then 2 clear IDs(McVicar)
- 3325 VENEZUELA R Monagas: 0755 SP, pop LA mx, IDs, TCs (Klein 12/4)
- 3330 UNITED 1215-1224 w/sub-continental type instrumental mx under CHU (Barto 12/22)
Could this be Pakistan, Sam?? What other possibilities are there--DR
- 3335 BRAZIL R Cl de Conquistas: 0254-0258 PT, ID, samba and popx (Sapoznikow 12/12)
0245-0300* TENT w/US rock and UTE QRm (G Sherman)
- 3340 ECUADOR R Tropical: 0118 SP ID by M, some EG rock--takes a good night(G Sherman)
0300 SP, ID, TC, band mx with nx segments--they make full use of their reverber
equipment! (Jones 12/9) Mx pgm w/ID 0235 (Field) 0200 ID w/Sousa marching mx,
followed by noticias (Sapoznikow 12/14) Beware, rpts of Radio Viloco on this
freq! Although it is listed in WRTH '79 as active here, it has not been hrd
without a shadow of a doubt...DR
- 3345 BRAZIL R Educ Uberlandia: 0307-0315 PT, ID (Sapoznikow 12/12)
- 3350 GHANA GBC: 2236 EG, rock mx and tlk //4915 (Osterman 12/9)
- 3355 VENEZUELA R Impacto: 0350-0357 SP, s/off ancmnt w/ID, NA (Sapoznikow 12/12)
- 3360 GUATEMALA LV de Nahuala: 1134 SP, ID, TC, "Mas musica marimba..."(Jones 12/18)
0353 w/marimba mx, ID and Xmas greetings (Sapoznikow 12/14)
- 3365 BRAZIL R Cult de Araraquara: 2320 PT, Many ads, mentions of Brazil, space
sounds, pop and EL mx, many Brazilians audible this night(Mystery rprr....)
0242-0300 PT, pops and ID at s/off 0300 (Sapoznikow 12/14)
- 3366 GHANA GBC: 2228 EG, vocal mx (Osterman 12/8)

- 3370 UNID: An SSB net of Spanish and some apparently PT speakers, turned into a 'program' as the drunkards sang to one another songs such as "Delilah" from 0808 tune to 0930 or so--harmony usually off-key(Hauser) Have been noting this everywhere from 3200 up to about 3500 lately--DR.
- 3375 ANGOLA RN: 0423 PT, w/local mx, M&W in cmty, plenty of triumphant orchestral mx and vocals (Onken 12/1) What have they got to be triumphant about?? The cx is almost (is) bankrupt, the gov't fighting remaining guerrilla groups--DR
- 3377 JAPAN NHK-Osaka: 1030-1100 EG w/EG Hour Program" with M&W ancrs, theme mx, For the pgm is "Tie a Yellow Ribbon Round the Old Oak Tree..." (Howard 12/16) Woman in cmty followed by ensemble mx, 1240 ID mentioning Osaka(Poppin 12/4)
- 3380 GUATEMALA R Chortis: 1133 SP tlks, mentioned Santa Rosa, Guatemala; ID. First time hrd during AM period (Lobdell 12/27)
- 3380 ECUADOR R Iris: 0235 SP, ID 0300, LA mx (Novello 1/2) 2350 LA mx, ID, tlks (Prath 1/1) 0200 w/tlk and IDs at 0200, into Ecuadorian mx past 0218(Fedor)
- 3380 MALAWI MBC: 0310-0350 in EG/Lang, "Come to the stadium Sunday to see the match between Malawi and Madagascar, kick-off time 3:30 PM, MBC will broadcast live..." (Howard 12/17) Just bought my ticket...DR
- 3385 BRAZIL R Congonhas: 0907-0912 PT, Man with tlk, ID 0911 (Cucura 12/31)
- 3385 FR GUIANA Cayenne: 0931-0946 FR w/calypso mx, ID 0937 as "Ici Cayenne..." s/on at 0900 after guitar IS and NA (Cucura) *0900 (Fick) 0920 (Onken 12/16)
- 3385 PAPUA NEW GUINEA R East New Britain: 1240 w/mx (McVicar) M w/Pidgin ancmts and some Xmas mx (Poppin 12/9) 0800-0820 Pidgin, nx, pop EG mx and some local mx; 0812 TC for 6:12 (Howard 1/1) 0810 Pidgin w/carols (Clark 12/26)
- 3390 ECUADOR R Zaracay: 0945 SP, IDs, M w/LA mx (Cucura 12/11) 0020 LA mx, ID, ads mentioning Santo Domingo QTH (Fick 1/5)
- 3395 VENEZUELA R Universidad: 0514 ID, followed by nx (Field) 0900 SP, IDs and tlk (Cucura) 0646 SP, M DJ w/LA mx, ID 0647 (Johnson) 0608 IDs(Poppin 1/1) 0212 w/light mx and ID (Sapoznikow 12/14)
- 3395 SUMATRA RRI Tanjungkarang: 1353 IN Speech by M hrd // all RRI's(Godfrey 1/8)
- 3400 CHINA PLA: 1530 oriental mx, tlk by M in CH, ID (Ethen 12/6) 1138 (McVicar)
- 3425 NEPAL RN: 1434-1501 w/IS before EG pgm, W mentioned Kingdom and His Majesty and into cmty, sub cont mx (Poppin) 1217 in Nepali tlk // 5005 (Osterman 12/15) 1225-1300 w/flute mx, M ancr, ID, cmty (Onken 11/23) 1340 (Godfrey)1235(McVicar)
- 3491 USSR: Ball Sparks' unID Mayak, dual 3995 with mazurka-type mx, TC by M at 1329 followed by Mayak rx bulletins, into deep fade at 1400 (Poppin 12/16)
- 3910 JAPAN FEN: 1140-1230 EG w/nx on the hour (Clifford 12/27)
- 3925 JAPAN NSB: 1530 EG, Tokyo Forum with Alan and Jerry, ads for KDD, JAL, Seiko, Sony, and into JP 1615 (Clifford 12/27)
- 3945T NEW HEBRIDES R Vila: 0955-1030 EG tlk, mention of Australia, then church svc, w/EG sermon, hymns and organ mx--no ID hrd(Osterman 12/25)
- 3945 JAPAN NSB-Tokyo: 0741 JP with two M in tlk, ID 0745 and 0745* (Johnson 12/8)
- 3985 SWITZERLAND SRI: 0612-0712 EG/IT w/ rolk mx, TC 0700, nx(Poppin,Cucura,Clark, Klein,Radcliff)
- 4000T INDONESIA RRI Kendari: 2248-2310 IN, strong via LP w/Koran poetry, SCI 2259 and "RRI" ID and into nx relay...happy with this one (Krueger 12/17) Did they ID as Kendari? TDXN rpt fm Young states that Padang suspected on 4003 around 1400, and an ID of this one would help...DR
- 4050 USSR Yuzhno-Sakhalinsk: M&W w/nx bulletin, RS cmty (Poppin 12/16)
- 4273 NO KOREA Kanggye: 1350 KR singing by W w/full orchestra, and long tlk by M w/strong UTE (Godfrey 12/9)
- 4380 CHINA PLA: 1120 CH lcl mx (Prath 12/25) 1320 in tlk (Johnson(H.))12/30)
- 4520 USSR Palanka: Woman commenting in north Asian language, mention of Palana followed by organ pop rhythm, 0723 ID for Radio Palana, more cmty and mx (Poppin 12/16) This is spelled Palana in WRTH '79...where did Palanka come from?
- 4610 ASIATIC SSR Khabarovsk: 0757 RS, M vocal mx, time pips 0800, M ancr(DW Johnson)
- 4635 TADZHIK SSR Dushanbe: 0144-0201 W in RS interview and cmty re school work, with tlk by teacher, students, youth chorus; 0159 W ID "Govorit Dushanbe..." and into comment (Poppin 12/20) 0200 RS ID, into mx by M&W (Fedor 12/12)
- 4639 USSR UNID Russian with songs, operatic selections, then beeps and sounded like Moscow TC 1400 (Poppin 12/16)
- 4690 UNID: Most likely Vietnam 1315* as reported elsewhere. Hrd several days this fall, best on 11/13 (Young via TDXN-102 11/13)
- 4699 IRIAN JAYA RKIP Surabaya: IN 1355 M in cmty followed by sub-continental mx; 1359 unusual chime followed by M w/"berita Surabaya" and several references to Surabaya; full ID 1410 "Radio.....Surabaya, Irian Jaya Republik Indonesia" 1413 w/short dinner gong and M in tlk, mx (Poppin 1/2)
- 4719.3 CELEBES RRI Ujung Pandang: 0935 IN, M in tlk, vocal mx, M DJ, IN vocal mx (DX Johnson 12/31) 1130 orch mx, ID, mentions of Jakarta (Saylor 12/29) 1300 with SCI (McVicar) 1120 w/Xmas songs in EG (Osterman 12/25)
- 4725 BURMA BBS: 1425 in poss Burmese, lcl mx, M ancr to 1445*(Godfrey 12/8)

- 4750 CAMEROON Radio Bertoua: 0505 FR/EG w/nx of Africa by M(Saylor) 0509 w/mx after EG mx (H. Johnson) 0512(Fick) 0503(Osterman) 0433 ID and freq(Marker) 0505 in FR w/nx (Klein 1/6) 0525 FR tlk, mx (Lineback 12/25)
- 4753 SULAWESI RRI Ujung Pandang: 1304 M with nx //4719 (Osterman 12/11) 13111 IN pop mx with CW flavor, tlk by M ancr, march mx, ID(McClure 12/9) 1350-1401 IN, M&W in tlk, mx (Onken 12/9)
- 4755 COLOMBIA Em Nuevo Mundo: 0733 SP, frequent TCs, CARACOL IDs(Brooker 12/15)
- 4756T BOLIVIA R Em Bolivia: 0005-0014 SP, poss ID "Em...Oruro" then nx, M with clear ID; 4755 nearly vacant lately and this one in weakly almost nightly (G. Sherman 12/26)
- 4762T BOLIVIA R Abaroa: 0400* SP, M ancr 12/22, agrin 0055 M ancr w/ID 12/26, weak and no QRM. Usually "hrd" only as weak carrier (G. Sherman) Suggest that you have possibly hrd R. Inca del Peru which has been noted here to 0405* Watch out when reporting these as definite or tentative logs...DR
- 4765T BRAZIL R Esperito Santo, Vitoria: M in PT tlk, group singers, TCs, ID at 0931 followed by M (Poppin 1/5)
- 4766 SUMATRA RRI Medan: Normally on 4764, was on 4766 several occasions in 1977-78. So far this year it was observed here only once at 1430. Must be an alternate with 5 or 10 kW xmtr, while 4764 is down. Be aware, because it is very irregular(Young via TDKN 11/11) M w/ID 1429, another at 1432 (Poppin 1/1)
- 4770 VENEZUELA R Bolivar: 1000-1027 & 2315-0325 w/LA mx, IDs, US rock(Saylor, Cucura, DW Johnson, Earhart, Miller, H Johnson, Yacono)
- 4770 LIBERIA ELWA: 0627-0715 EG, BBC nx, ID 0710, religious pgms(Klein, Cucura, D.W.Johnson, Fick, Schweikart, Alexander, Lorz)
- 4774 JAVA RRI Jakarta: 1432 IN, M ancr with play by play of soccer match, hrd // all Indo's this day (Godfrey 12/17)
- 4775 INDIA AIR Gauhati: 1208-1216 UNID lang, Indian ancr pgm w/W host; closing ancncts 1214 then Indian anthem, M with final ancr and off 1216*(McVicar) 1142 in seeming political/economic cmty, EG (Osterman 12/25)
- 4775 AFGHANISTAN RA: M in lang w/nx bulletins; M&W vocals w/sub cont mx; 1529 slow beeps, W with ID which I missed (Poppin 12/3) 1335 Urdu tlk(Onken 12/16)
- 4777 GABON RTV: 2125 FR, M&W in FR play, no ID(Onken 12/17) 2120 IDs(Jordan)
- 4780 KARELO-FINNISH SSR Petrozavodsk: 0520-0600 SR, classical mx to 0558, 6 pipe on the hour, M&W in tlk //5065 (weaker) (G. Sherman 12/7) 0520 (DW Johnson)
- 4780 VENEZUELA LV de Carabobo: 1015 SP, LA vocal mx, ID 1020(DW Johnson) 1020 ID, TC (Jones) 0601 with M in fast tlk, mx (Poppin 12/4)
- 4780 HONDURAS R Juticalpa: 1135 SP, many TCs, IDs, "musica ranchera" (Klein 12/7)
- 4785T BOLIVIA R Em Ballivian: 2320-2326 SP tlk by M, ID 2320, bud didn't believe my ears so waited thru mx and IDed again 2325 and again at 2326. Fair with only 4784 unID het...A Index was 21 (G Sherman 12/21) Last rptd by Tony Jones quite some time ago--are you sure of this(these) IDs?? and was Colombia off this evening??--DR
- 4785 COLOMBIA Ecos del Combeima: 1100 SP, LA mx, ID, (New Year's greetings(Higgins) 0553 with vocals (Earhart) 0632 w/LA pops, ID 0633(DW Johnson) 0550(Clifford)
- 4785 AZERBAIJAN SSR R Baku: 0202-0212 in lang; signed on with IS(celeste), then RS anthem by choir, Azerbaijani anthem by choir and orchestra(McVicar 12/9)
- 4785 TANZANIA RT: 0325-0345 Swahili //5051 w/mx, East African vocals, with 5050 much better (Lineback 12/31) 2116-2136 Swahili (T) w/Arabic type vocals; W in EG at 2128; WRTH lists 2105* (Osterman 12/24)
- 4787 DOM REP R Norte: 0445 SP, meringue and Dominican Party mx, phoned-in rpts, canned IDs, mentions of Santiago (Novello 12/16) 0730 ads (Klein)
- 4795 ECUADOR LV de los Caras: 0355-0404* M with ID and s/off ants, anthem(Valko) 0310 SP, Andean mx, ID(Fowler) 0300(Fedor) 0335 (Saylor)
- 4800T ECUADOR R Pop Independiente: 0547 SP, Andean style vocals; M ancr; no ID hrd, F sigs (Lobdell 12/27)
- 4800 VENEZUELA R Lara: 0335 SP, tlk by M, ID 0335 (Marker) 0330 (Miller) (Lineback)
- 4804 KENYA VOK: 2059-2105 EG, mx by M, ID "VOK, Nairobi" "Merry Xmas" etc. then midnight mass from cathedral; probably Xmas only, late s/off (Osterman 12/24)
- 4807.5 SAO TOME R Nacional: 2128 PT, 2130 ID by W, lcl mx (Cucura 12/14) 2154 lcl mx, drums, Herb Alpert, Abba (McCarthy 12/8) 2150 w/Springbok QRM(Brooker) 2245 w/mx (Earhart)
- 4810 SOUTH AFRICA SABG: 2150-0400 Pop mx, ancncts, EG/AK tlk, ads(12 rpters)
- 4815 COLOMBIA R Guatapurí: IDs, SP tlk, ads, LA mx 0250-0955 (13 rpters)
- 4820T INDIA AIR Calcutta: Indian dramatic play in sub cont lang, M&W were main players w/some background mx past 1600 (Poppin 1/1)
- 4820T USSR Khanty-Mansiysk: Tyumen Oblast Classical piano solo, 0227 M ancr in lang, short mx, W in RS tlk (Poppin 12/20)
- 4820 HONDURAS HRWC: 0436 EG Radio Play (Lukosavich 12/17) 0428 (Earhart) 0300 EG rel pgm, ID (Saylor) 0457* EG, gospel mx (Clifford)
- 4823 BOLIVIA R Grigota: 2330 SP tlk, ID by M, weak (G Sherman 12/21)

- 4825 GUATEMALA R Mam: 0305* w/anmcts and ID (Cress 12/2) 0302* Indian lang, lcl mx (Lineback) 0152(Rankin) 0120 M w/tlks, marimba(Fedor)
- 4825 MALI Rdif Nationale: 0613-0631 lcl mx, FR tlk, drums, M ancr (Earhart)
- 4830 THAILAND Bangkok: 1558 in lang, unusual dinner bell chime, M w/mention of Bangkok, kilohertz...then followed by beautiful NA; 1601 * (Poppin 1/2)
- 4832 COSTA RICA R Relej: 0000-0500 w/usual LA mx, ads, and tlk(10 rpters)
- 4835 GUATEMALA R Tezulutlan: 1158 SP, s/on with M ID, pgm of lcl marimba, flute, and something sounding like a Kazoo(McVicar 12/6) 0245 LA mx, IDs, (Saylor) 1200 w/full ID (Prath 12/30)
- 4835 SARAWAK RM Kuching: 1354 Malay with local mx, P (Onken 12/10) 1206 with ID "Radio Malaysia Kuching (Koelble 12/28)
- 4835 SOUTH AFRICA SABC: 0435 EG tlks (H Johnson) 2159 EG, ID (Cucura 12/23)
- 4840 CHINA Fuzhou PLA: 1221 CH tlk and mx (Yajko 12/25) 1131 //4380, 5170(Cucura) 1330 flute mx, W in tlk // 3300 (Godfrey)
- 4840 VENEZUELA R Valera: *0915 w/NA, IDs and LA mx (Saylor) 0405* w/NA(Brooker) 1051 SP, rooster crows, Ad strings (Lobdell 12/16) 2310 LA mx, IDs(Fowler) (Field,Cucura)
- 4845 BOTSWANA RB: *0400 Setswana s/on w/IS, tlk and NA 0400(Saylor) 0405(Onken) 0345 with IS of animal sounds, NA 0400 (H Johnson)
- 4845 MOLUCCAS RRI Ambon: 1204 IN, RRI mx, tlk //4719 and 4764 (Kreuger 12/11)
- 4845 MAURITANIA Rdif Nationale: 0628 w/vocal tribal singing, (DW Johnson) 0730 w/chants, tlk by M (Radcliff 1/2) 0700 FR ID by M (Klein) 2218 (McClure)
- 4850 CAMEROUN Yaounde: 2245 FR tlk, ID (Lineback) 2158 FR, African mx, FR mx 2200 (Osterman 12/9) 2105 mx in EG 2203 (Koelble)
- 4850 SURINAM SRS: R Paramaribo 0955 M ID as "Radio Paramaribo" (Poppin 1/5) 0315 to 0330* Dutch tlk, mx (Lineback) 0855 IN/HINDI pgm, ads (Klein)
- 4850 VENEZUELA R Capital: 2345-0428 LA/US pops, Top 40, IDs, ads (8 rpters)
- 4851 T BOLIVIA R Centenario: 0030-0305 SP M&W ancrs, poss mentions of Centenario, ment of Bolivia 0100, 0114; Bolivian mx w/ 40-50 minutes of tlk per hour; hrd nightly to 0430* v; 0543 clear ID 12/26 on extended sked with R Capital off ! (G Sherman) Again, suggest you might have R Luz y Vida here rather than the Bolivian, as the former has been occupying this freq for some time--DR
- 4855 BRAZIL RC Para: 0615-0650 PT, Brazilian pop mx, disco US pop (Alexander) 0913 w/mx, ID (E. Miller 12/27) 0925 (Saylor)
- 4860 PERU R Chinchaycocha: 0440 SP LA mx w/Andean sound that makes it different from the rest; also M ancr (Godfrey 12/12) 0455 good lcl mx, vocals(Cress 12/20)
- 4860 VENEZUELA R Maracaibo: 0230 SP, LA mx, IDs, ads (Saylor) 1029 SP w/ID, mx w/chimes, M ancr (Lobdell) 0609 (Poppin)
- 4865 BRUNEI Berkas: 1427-1430 M ancr in Malay lang; into band mx, NA by chorus and power off at 1430 (Poppin 12/16)
- 4865 COLOMBIA LV del Cinaruco: 0252 tlk by M, pops (McCants 1/8) 0501 ID for CARACOL (poppin 1/1) 0245 w/LA pops, ID 0255 (Cress 12/3) 1020 mx (Tannenwald)
- 4870 ECUADOR R Rio Amazonas: 0141 ID, TC, tlk in SP (Jones 12/21)
- 4875 COLOMBIA LV del Norte/R Super: 0355 SP, usual Colombian pop mx, clear LV del Norte ID 0358 (Cress 12/3) 0354 "Les habla LV del Norte de Cucuta"(Fowler) R Super noted 12/26 w/pop mx, "R.S. de Medellin" IDs (7 rpters)
- 4875 IRIAN JAYA RRI Sorong: 1332 IN, w/M&W in tlk, mx (Onken 12/10)
- 4880 VENEZUELA R Universo: LA mx, IDs, "Con la musica de Radio Universo"(8 rpters)
- 4885 COLOMBIA Ondas del Meta: 0930 SP, IDs, LA mx and M ancr (Cucura 12/30)
- 4890 PAPUA NEW GUINEA NBC: New Years Eve Salvation Army sermon, ID, TC 0831, Nat mx from ABC 0901(DW Johnson) CW mx, EG ads, TCS, US pops (9 rpters)
- 4890 SENEGAL Dakar: 0558 with string IS, FR ID (H Johnson 12/29)
- 4895 ECUADOR R Centinela del Sur: 0410 SP, tlks by M, ment of Ecuador, mx(Fedor)
- 4895 SARAWAK RM Kuching: 1035 in lang tlk, G (DW Johnson)

That's it for this month. Additional things to be careful of when reporting: Use of the abbreviation "cmty" when not necessary. Not all speech hrd on stations will be commentary, but merely "tlk" between songs, or "tlk" period. Stations heard in the 90 meter band, playing multi-note chimes/gongs, with a man or woman repeating numbers are simply "numbers" stations....their purpose is, as yet, unknown. They should not be mistaken for legitimate SWBC stns!! In fact, they will not be printed here unless of unusual importance. Here is an important rule--IF YOU HAVEN'T HEARD AN ID, BETTER TO LIST YOUR LOG AS TENTATIVE. Taking a chance that the "listed" stn in WRTH is what has been heard is very risky. Finally, a correction to last month's IR-A in re Iraq, 3240 at 1945 GMT...Such a reception is entirely possible at 1945 GMT, especially in some areas in the extreme Northeast part of the country, and possibly somewhat earlier.

UNTIL NEXT MONTH, 73 AND GOOD DX! DAN

log report *section*

4900-6199



STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0230-0350 lite pop mx, SP amnts & ads (Schweikart, Earhart)
- 4900 ECUADOR LV de Saquisilí: 1115-1130 Campo mx, slow SP talk, ID's & TC's, 1124 into "Abra La Puerta" pgm (McNeil, Perdue, via TDXN-103).
- 4904.5 CHAD RMT: *0430-0610 drum-like IS, full ID in FR, M in FR and Vernaculars w/talk, local flute & drum mx (Higgins, H. Johnson, Alexander, Rankin, Kissane).
- 4905 CHINA RP-1: 2220-2230 CH political talks o/Religio; //5881.5, both via LP (Wood-NH)
- 4905 BRAZIL R. Relogio: 0050-0155 Two men in PT w/talk, 3 time pips each minute (Zajko).
- 4910t GUINEA R. National: 0554 M in FR w/talk & amnts, Afro instrumental & Vocals, possible ID at 0559. Poor-Fair (D.W. Johnson).
- 4910.7 ZAMBIA RZ: *0345-0420 screaming Eagle IS, long vocal NA, brief opening anmt by a W in EG, then nx in lang.; EG nx @ 0500 (Clark, H. Johnson, McCarthy, Howard-CA).
- 4915 BRAZIL R. Nacional, Macapa: 0810-0835 PT talk, frequent R. Nacional ID's & TC's, Brazilian vocals & guitar mx (Brooker, Poppin).
- 4915 GHANA GBC- Accra: 0610-0620 M in EG w/nx, ID @ 0625. Fair (DW Johnson, Bryan-CA).
- 4915 CHINA RP-1, Nanning: 1224 M in CH w/talk. Poor-Fair (R McVicar 12/11).
- 4915 ECUADOR Em. Gran Colombia: 1105 SP network nx, mention affiliated stns (Jones-MS).
- 4915 KENYA VOK: 0430-0431 M in SH w/local nx, Afro vocals & Xmas mx (McCarthy 12/11+)
- 4920 UKRAINIAN SSR Starobelsk: 2128 M in GM w/talk; 2130+ Mayak IS & RS talk (Pappas-PA)
- 4920 ECUADOR R. Quito: 0521 LA pop mx & ID's, s/off in mid-sentence (Lobdell). 1103 "R. Quito" ID's & Ecuadorian mx. Vy Good (Jones-MS 1/6).
- 4920 AUSTRALIA ABC-Brisbane: 1140-1310 EG nx, ID's & orchestral mx (4 reporters).
- 4920 HONDURAS n. Progreso: 0330-0405 slow piano mx, SP nx & talk (8 reporters).
- 4921 PERU Ondas del Titicaca: 1015-1038 f/out w/beautiful highland mx hosted by a M in possible Quechua, rather than Aymara (McNeil 12/30 via TDXN-103).
- 4925 COLOMBIA Emis Meridiano 70: 0315-0540* LA mx, ID's, NA and s/off (Saylor, Alexander)
- 4925 MOZAMBIQUE Maputo: 1926 PT amnts & orchestral mx, not //4868 (Padula-AUS/TDXN-103).
- 4925 CHINA (Manchuria) Haerbin: 1215-1240 M in CH w/loud speech, bouncy oriental orchestral mx, W in CH w/possible ID's @ 1229 (McVicar 12/11). Probably portended President Carter's anmt of recognition of CHINA with a superior pgm of classical, semi-classical and waltz mx. This was certainly a historic broadcast and the first time I have ever heard this type of mx from CHINA (Poppin 12.13) What next, rock mx?
- 4927 INDONESIA RRI Jambi: 1444-1559* IN talk, ID, "Love Ambon" theme (Poppin 12/13).
- 4930 TURKMEN SSR Ashkhabad: *0200-0328 Mayak IS, Classical mx & RS talk (Saylor, McCarthy)
- 4932 NIGERIA Benin: EG nx and ads, one ad was for aspirin on sale for 50 kobo a bottle!, lite mx 0430-0630+ (H Johnson, Brooker).
- 4932 INDONESIA RRI Surakarta: 1445-1529 IN talk & island vocalists (Wisblood 1/23)
- 4934 KENYA VOK: 0329-0420 talk, possibly in Swahili; flute-like interval signal at s/on, ID's, a few opening amnts & into chanting. Fast paced stringed instrumental mx w/vocalists. It sounded rather like Far Eastern mx. A newsact at 0400, //4915. Good with another stn underneath (R McVicar 12/30). 0500-0508 EG ads, ID & nx (McClure). Possibly the one here at 1525 with Asiatic instrumental sounding mx & talk by M&W in an UNID Afro type lang. Equal strength w/Surakarta this day, though both were separable from each other on the RP-2200. (Wisblood 1/13). (*102)
- 4935 PERU R. Tropical: 1059 ID, ad for "Inca Cola", mentions of Tarapoto (McNeil/TDXN-103)
- 4940 IVORY COAST RTVI: 2145-2235 FR talk & Afro vocal mx (Schweikart, Pick). *0600-0620 FR talk, Afro vocals, IS, NA & FR rock mx (H Johnson, Bryan-CA).
- 4940 VENEZUELA R. Yaraocuy: 1030 SP amnts, holiday greetings, LA mx & ID (Tannenwald).
- 4943.8 VIETNAM Hanoi: 1314-1317 W in UNID lang w/talk VP-Poor (R McVicar).
- 4945 COLOMBIA R. Colosal: 10250-1023+ Lively LA mx, M in SP w/nx, ID's (8 reporters).
- 4950 SARAWAK RM-Kuching: 1218-1250 2 Men in CH w/talk, lite MoR type mx (McCarthy 12/25)
- 4955t PERU R Cult Amata: *1058-1059 SP talk, NA, Vocal mx w/guitars (McNeil/TDXN-103).
- 4965 COLOMBIA R. Sta Fe: 0615-0640 LA mx & ID's after each song (Lukosavich, Clifford).
- 4965 HONDURAS R. Landia: 1219 "Aqui la hora centroamericana en R. Landia..." (Jones-MS).
- 4970 VENEZUELA R. Rumbos: 0250-0645 LA mx, ID's, fast SP talk & nx w/chimes between items (Radcliff, Clifford, Earhart). 1016 M in SP w/talk (E Miller).
- 4972.5 FRENCH GUYANA Cayenne: 0904-0915 M in FR w/amnts, FR pop mx, //3385 (Osterman).
- 4972.5 CAMEROUN Youande: 0640-0654 FR talk between musical selections (Earhart-PA).
- 4975 UNID 1512-1532 M wailing (or praying?), subcontinental mx, brief talk by M in possible IN; followed by prayer by M then briefly joined by another M. A possible ID at 1530, Any clues? (Poppin 1/1). I dunno, maybe Sabah off frequency? -ScW
- 4976 YEMEN R. Sanaa: 2026 AR nx //4853 (Padula AUS 12/21).

- 4980v GHANA GBC: 0630-0705 EG talk w/info on local parties, ID, nx(H. Johnson, Cucura).
- 4980 SWAZILAND SCR: 0330-0540 Pop mx, EG ads, TC's, ID's(Fedor,Torre,Osterman,H Johnson).
- 4980 ECUADOR Ondas Azuayas-Cuenca: 0400-0445 ID by M w/freqs., selection of lite pop mx, a new pgm called "Musica Ecuatoriana" featuring Andean flute&guitar mx. Signal was really booming in, probably 5kw now. Abrupt s/off @ 0509*(Field 12/16,R McVicar 12/9).
- 4985 BRAZIL R. Brasil Central: 0710 local pop mx, PT annts & ID's (Alexander 12/30).
- 4990 SOUTH AFRICA R. RSA: *0259-0315 IS, ID, EG nx and emntry (Lineback, Jones-MS 12/22).
- 4990 NIGERIA NBC-Lagos: 0438-0605 EG talk, TC, ID, World nx drums (Cucura, H Johnson).
- 4995 MONGOLIA Ulan Bator: 1334-1500* ID as "Ulan Bator", MG news bulletins alternately read by M & W, electronic organ selections, Mongol. vocal mx (Poppin 12/9, 11). FB!
- 5000 ENGLAND MSP: 0250 2 CW ID's & TC's every minute, stronger than WWV (Valko 12/10).
- 5000 ITALY IBF: 0659 3 CW ID's, ID in IT, FR, EG, level w/WWV (Klein-FL 12/5).
- 5005 NEPAL RN: 1225 Nepali mx w/pipes & child singing, better than //3425 (Osterman 12/15)
- 5010 CAMEROON R. Garoua: 2142 AR chanting/ME mx by W vocalist. Strong! (Onken 12/10). *0430-0515 Afro-Arabic chants w/drums, 3-note IS, EG & FR nx (Rankin, Jordan).
- 5010 COLOMBIA R. Surcolombiana: 0232-0325 LA mx, ID's (Valko, Fowler, Lineback). 1020-1100 SP talk by a M & W, ID. WWV QRM (E Miller, Higgins, Tannenwald).
- 5015 EUROPEAN SSR Arkhangelsk: 1235 Orchestral mx, RS pop mx, u/Vladivostok(R. McVicar).
- 5020 SOLOMON ISLANDS SIBC: 0720-0940 TC's, M in EG, rock mx, NA 1130*(Osterman, Poppin).
- 5020 NIGER ORTN: *0529-0630 NA, Afro & U.S. pop mx, FR talk & World nx (8 reporters).
- 5025 BRAZIL R. Borborema: 0420-0430 PT talk, lite ballads & MoR mx, ID (Jordan 12/13).
- 5028.5 SAUDI ARABIA BSKSA: 2205 Strong AR chants & talk by men (Onken 12/10). Your UnID-sCw
- 5030 SARAWAK RM: 1225 EG pop mx, talk in Malay. Pair (Onken 12/10).
- 5030 VENEZUELA R. Reloj Continente:0315-0600 LA mx, SP talk & clear ID's (7 reporters). 1045-1053 LA mx followed by an SP ad & sings ID. Xlnt signal (E Miller 12/27).
- 5035 UZBEK SSR R. Alma Ata: 2130 R. Moscow CH pgm w/ID & nx (Wood 12/22). 1225-1231 heard w/R. Tashkent IS, ID by W @ 1230, then into Asian mx (R McVicar 12/8).
- 5039 SUDAN R. Omdurman: 0453 M in AR w/talk, mentions of Iran & Arabeyah (Osterman 1/2).
- 5040 VENEZUELA R. Maturin: 0350-0400* LA mx, SP talk & ID's (Jordan 12/13).
- 5040 COLOMBIA R. Cinco: 0553 Lively LA mx, M w/ID @ 0610, "R. Cinco de Caracol" (Fowler). *0900-1115 "Caracol" ID's, Campo mx & LA pops, TC's (Klein, Higgins, Jones-MS).
- 5045 BRAZIL R. Cult do Para: 0920 Accordion mx, PT talk & ID's (Higgins 12/24).
- 5046.2 ECUADOR Ondas Canarias: 1102 Ecuadorian mx, SP talk to f/out @ 1115 (Field) Behr's UnID
- 5047 TOGO RT: *0530-0635 NA by a chorus, FR ID & talk, tribal mx w/shouting (6 reporters). 2315 FR talk, Afro mx & FR pops. Fading to a good signal! (Ethen 12/10).
- 5050 PERU R. Loreto: 0445 SP talk, ID & TV, rooster crowing. Poor (Lohdell 12/27). The log of R. Jesus Gran Poder is probably incorrect & in probability not on at all. It has not been reliably reported in a number of years, and not on as late as 0530 even then. R. Loreto has been strong here lately (Don Jensen) Thanks Don for the info!-SW
- 5050 VENEZUELA R. Mundial: 0911-0923 Easy-listening mx, SP talk about baseball(Brooker).
- 5054.9 COSTA RICA TIFC/Faro del Caribe:0205-0300 SP, EG 0300-0351* Religious programs, EG s/of amnt & NA (8 reporters). 0400-0543 on late Xmas & New Year (George-TX,Poppin-CA) 1130-1138 SP talk & ID, Easy listening mx. RITTY QRM (Earhart-PA 12/25).*(Alexander)
- 5057 ALBANIA R. Gjirokaster: 0500-0710 Exercise pgm, folk mx & ID's(Klein,Jordan,Saylor)
- 5061.0 ECUADOR Sistema de Emisoras Progreso: 0200-0536 M&W in SP w/nx(Radcliff,Osterman,Wood).
- 5065 KARELIAN SSR Petrozavodsk: 0413 RS talk by M thru 0430 (Krueger 12/11). 0700 time pips, RS talk by M&W, EZ mx (Alexander 12/10).
- 5068 SAUDI ARABIA BSKSA: Likely Wood's nR "Soap Opera" UnID in Jan. FRENDX (Wiseblood).
- 5095 COLOMBIA R. Sutatenza: 0306-0400 LA mx, SP talk, NA (Brooker, D.W.Johnson, Yacono-NY). 0416 on late for Xmas w/slow ballads, ID by M thru vocal mx (Radcliff 12/25).
- 5100h VENEZUELA R. Margarita: 0830+ Lively SP mx, singing ID, fast SP talk, Xlnt! (E Miller)
- 5112a PAKISTAN RP: 1256-1305+ talk in lang, IS, chants to 1315* (Barto, Zilmer).
- 5125 CHINA RP to Taiwan: 1245-1307 Classical mx, W in CH w/talk, nx (Schumacher 1/4).
- 5151v CHINA RP: 1308-1321* W in RS w/Jimmy Carters talk on human rights (Poppin 1/1).+5145
- 5195 UNID SP talk in the USB mode, mx & possible DW ID, anyone confirm? (Brown 1/7) feeder
- 5220 CHINA RP: 1500 "East is Red" chime, "Yo R.Peking" ID, Nepalese nx by M, //5295(Poppin)
- 5265 CHINA FPBS: 1220 CH oriental mx, CH talk. Good & //5240 (Prath-FL 12/10).
- 5295mf CHINA RP: 1530 "East is Red" chime, "Yo R. Peking" ID, Nepalese nx. Good (Poppin-CA).
- 5400h CUBA CMKV: 9th harmonic heard here @ 0650 carrying "La voz de Cuba" pgms (Pappas 1/12)
- 5641t HAITI (?) Have had several reports from Richard Clark in the Dom. Rep. of a Haitien on 5640-5645, which he finally IDed as "R. Familia" in Port-de-Paix, 4 x 1410. No luck with it here until 12/31 @ 2310 when heard w/traces of mx and talk; aero SSB QRM. Later I heard from Richard Schatz who had just visited the D.R. himself, and that La Voix du Nord, Cap-Haitien is the one on 5641, ex-6030. Not a harmonic(Hauser-TN).
- 5770 CHINA FPBS-2: 0440 CH talk by M&W, oriental styled CH mx (Alexander 12/31). early!-SW
- 5880 ARGENTINA RP1: 2315 W in CH w/talk. Via LP! (Prath 1/1).
- 5882 ARGENTINA R. Rivadavia: 0110-0150 fast SP talk, LA pops & ID's (Clifford, Fedor-CA)
- 5886 INDONESIA RFI Pekanbaru: This 10kw outlet observed 1550 M in IN w/nx, then chorus, not the NA usually heard!, M in prayer 1552, Love Ambon theme, annts by M & stn ID, then "Love Ambon" theme again! s/off at 1:58* Vy. Good (Poppin 12/16). (Wiseblood/
- 5900 EUROPEAN SSR Moscow: 1445 local Moscow pgm w/TC's, ID, EZ mx & RS talk and annts/

- 5900 ASIATIC SSR Petropavlovsk: 0544 EG talk to WNAW (Bryan 12/10). Not heard lately-SW
- 5905 EUROPEAN SSR UNID location: 2315-2330 Classical mx, into Radiostansya Rodina pgms w/ID (Alexander). R. Rodina @ 0205, W in RS w/nx, soon joined by a M, //5935. Still heard at 0456 w/lively trumpet mx, Mayak IS @ 0500, //5930, into 1st pgm(Wiseblood).
- 5910 EUROPEAN SSR UNID location: Mayak to 0200, partial IS, then into 1st pgm w/ID by M & W, w/1st pgm organ IS; Mayak again 0300-0500; 0500+ 1st pgm, //5905, 5930(Wiseblood)
- 5915 BULGARIA R. Sofia: 2130-2200 IS, EG nx & DX pgm, //7115 (Delap 12/15, Cucura 12/15)
- 5920 EUROPEAN SSR Starobelsk: *2200 R. Kiev IS, ID and talk in UK (Brown 12/27).
- 5930 CZECHOSLOVAKIA R. Prague: 0303 IS, ID by W in EG, World nx. Good (Yacono-NY 12/29).
- 5930 EUROPEAN SSR Murmansk: 0500-0527 Moscow nx in RS to 0514 then Murmansk organ IS, ID as "Govorit Murmansk", then RS talk & band mx. Very Poor (R McVicar 12/9).
- 5935 LATVIAN SSR R. Riga: 2115-2145 Orchestral mx, and guitar IS, ID, Latvian folk mx, W in possible Latvian w/talk, then into Swedish. Very Good! (R McVicar 12/9).
- 5940 EUROPEAN SSR R. Moscow: 2245-0400, RS EZ mx to 2300, then EG to Nam(3 reporters).
- 5940 ASIATIC SSR Petropavlovsk, *1552-1604 W in EG w/talk, ID's (Kissane).
- 5940 ASIATIC SSR Petropavlovsk RM: *1200 s/on w/GH talk (Prath 12/10).
- 5945 AUSTRIA ORF: 0430-0500 M & W in EG w/tlk on Medical Research(Clifford, D.W. Johnson).
- 5950 NICARAGUA Rdf Nac de Nic: 0400-0530 Orchestral mx, SP talk & anmts, world nx, ID's between political talk (Woltman, Earhart, George-TX), 0905 SP nx (Tannenwald). I personally haven't heard this station since late December (Wiseblood). -OFF AGAIN!!
- 5950 HONGKONG/CHINA Haerbin: 0820 Traditional CH mx to 0830, then KR(D.W. Johnson)
- 5950 GUAYANA GBS-Action Radio: 0725-1025 Welcoming in the New Year with a live broadcast from an auditorium, EG nx & sports, lots of full ID's!, TC @ 0900, then lite music from a church service. Good-Exc(Barto, Osterman, Buras, Lobdell). FB!
- 5955 GREECE VOA kavala: 0525 EG talk about U.S.-China linkage. Good. (Wiseblood 1/22).
- 5960 ASIATIC SSR Vladivostok: 2215 ID & EG political talk (Wood 1/6).
- 5960 CANADA RCI: 2310 "World at 6:10" humorous look at the economy (Reini). 0300 EG tlk, Pgm about Canada's first AM radio broadcast in 1906 (Saylor, Torre)
- 5960 ALBANIA R. Tirana: 0520 M in GM w/talk; 0559 IS & talk in CZ @ 0600+ (Wiseblood).
- 5960.8 COSTA RICA R. Casino: 0516 LA pop mx, barely seperable from Albania on Erhaulted Carrier reception, to 0601*(Wiseblood). 1122 ID, phone # and address (Jones-MS).
- 5965 HUNGARY R. Budapest: 2215 SP talk, mx, into IS @ 2225 (Alexander 12/24).
- 5965 BOLIVIA R. Nac Huanuni: 1004 mainly huaynos. M in SP w/talk & one definite ID at 1022 just before a yippy song. Poor w/Gazeta's open carrier (McNeill-TDXN103)
- 5967v DOMINICAN REP RTV Dominicana: 1005 M&W in SP w/ID's, greetings (Saylor 12/29).
- 5975v DOMINICAN REP RTV Dominicana: 1010 M&W in SP w/nx, ID's. Vy Good (Klein 1/6).
- 5975 GREAT BRITAIN BBC: 0548 Cmnty on good ole Harry Truman, piano mx (Bryan-CA 12/10).
- 5980 LEBANON Beirut: Listed in 1979 WRTH as 100kW on this frequency w/AR service. Heard *0600-0630 w/NA, opening AR anmts, into Islamic chants & ME vocal mx. Heard nitely! (O'Donnel, Wiseblood). Klein says Libya despite contrary info.-Stay tuned for more!
- 5980 SOUTH AFRICA R. RSA: *0300-0320 IS, EG opening anmts, usual fare(Swanson, Gunnun).
- 5980 SIERRA LEONE Freetown: *0558 IS, NA, ID "A very good morning to you from the SLBS", 0700 BBC nx, ads, tlk in vern. (Kamp-CA, Klein, Saylor). 2355 religious tlk(Yacono).
- 5985 MEXICO RM: 0027 W in SP w/ID's, nx, slow mx (Yacono-NY 12/29) this //1776mf? -scw
- 5985 USA WYFR: 0130-0300 "Conference echoes", bible readings (McCants, various dates).
- 5990 FRANCE RFI: 2 men in FR w/discussion at 0535, listed *0500-0600*, F (Wiseblood).
- 5990 ROMANIA R. Bucharest: 0139 W in EG w/nx(D.W. Johnson). 0430* ID & sked (Howard-CA).
- 5995 AUSTRALIA RA: 1615 EG talk, US/AUS pop mx, ID's. Poor (Ithen 12/7).
- 5995 MALI Rdf Mali: 2340-2359* W vocalist, FR talk, chanting by M, ID(Yacono, Koelble).
- 6000 BRASIL R. Inconfidencia: 0735-0800 PT ads, pop mx, ID's & TC's(Kamp-CA, Klein).
- 6005 AUSTRALIA RA-Carnarvon: *1530-1600 lite pop mx //6060; Australian nx in breif following world nx (Schumacher 1/9). 1700 EG nx good at local noon! (Wood-NH 12/31).
- 6005 WEST GERMANY RIAS-Berlin: 0800 W in w/fair signals this night as Reloj had moved way off freq to 6032!, heard w/Ragtime jazz, ID, GM nx & discussion (Pappas 1/4).
- 6006 COSTA RICA R. Reloj: 0802 "H-B R. Reloj" ID. Good (Kamp-CA 12/23).
- 6009.5 VENEZUELA R. Mil Cuarenta: *1000-1045 s/on w/nice guitar version of NA, on another day "April in Portugal" heard in backround of s/on anmts. Mention of R. Los Andes at s/on, but ID's thereafter as "Mil Cuarenta", LA mx & ads (Berg, Pappas, Jones-MS).
- 6010 EUROPEAN SSR RMWS: 1700-1710 EG nx, good signal @ local noon! (Wood 12/31).
- 6015 DODACANESE ISLAND VOA-Rhodes: 2200* s/off ID in EG & "Yankee Doodle"(GB Sherman).
- 6015 COLOMBIA R. Mira: Began programming at*1108, although noted carrier on before 1000. "Mira" & "Todelar" ID's, NA, LA pop mx, TC's(Klein, Lobdell, Prath, Berg).
- 6020 PERU R. Victoria: 1053 Beethoven theme, NA, ID, B. Dias to listeners(Jones-MS).
- 6025 PORTUGAL RP: 0300-0330 IS, ID, EG nx. Good w/some QRM (Kissane, Radcliff).
- 6025 UZBEK SSR R. Tashkent: *1200-1241 "R. Tashkent Calling" EG news on Kampuchea, Urdu to S. Asia after 1230 w/nx by M&W (Schumacher, Valko, Saylor, Burke, Higgins).
- 6030 WEST GERMANY Suddeutscher Rundfunk: 2245-2306* ID in GM, light rock mx. GM nx & s/off (Krueger, Burke). 0650-0835 GM mx, ID's & frequent TC's, GM nx @ 0800, w in GM w/anmts followed by gong; 0725 W in GM w/talk, ID by M 0730, then GM polka mx (Pappas, Wiseblood, Brocker, R McVicar, Klein, Alexander). Pair w/QRN here in CA!-SW
- 6032 COSTA RICA R. Reloj: Here instead of 6006 on 1/4 & 1/5 (Klein, Berg).

- 6034 BOLIVIA R. Panamericana: 2330-2335 M in SP w/"Panamericana" ID's, disc(GB Sherman).
- 6035 AUSTRALIA RA-Carnarvon: 2100-2204 EG nx, pop mx & ID's. Good LP(Riedesel, Wood-NH).
- 6035 LIBERIA VQA-Monrovia: 0310 EG "African Safari". This xmtr is in Careysburg, a full 40 miles outside of Monrovia (Schweikart 12/30). Thanks for the word -Scw(Brookwell/
- 6040 EAST GERMANY REI: Likely the one here 0400-0415* w/SP talk and references to Cuba./
- 6040 UNID 0700-0800 ME type vocals in minor key w/string instr. Possible AR talk. (Brookwell 12/30) VQA-Great Britain listed here until 0700* -Scw
- 6045 SWITZERLAND SRI: *0430-0630* 1/2 hr pgms in EG, IT, GM & FR (Brookwell 1/1).
- 6045 AUSTRALIA RA-Lyndhurst: 1109-1115 EG World nx, then cmtry (Valke 12/13).
- 6050 GREAT BRITAIN BBC: 1600-1609 EG nx from the World Service, good at 11 a.m. local time! (Wood-NH 12/31). 0530-0540 EG talk, Peter Frampton's history (Wiseblood 1/22).
- 6055 JAPAN NSB-1: 0800-1700 JP talk & ads, pop mx; EG top-40 pgm w/talk 1600-1615, ID's (Kissane, D.W.Johnson, Klein, Wood). Wood rpts good at 1cl noon on 12/31 -Scw
- 6065 ARGENTINA R. Nacional: *0859 March mx, time pips, SP anmts & freqs (Klein 1/7).
- 6065 COLOMBIA R. Super: 0050-0705 LA pops, SP talk & ID's (Jordan, Peini, Alexander).
- 6065 SWEDEN R Sweden: 1700 IS, SW talk. Good at local noon (Wood-NH 12/31).
- 6065 SPAIN SFR: 0520-0615 EG to Nam, Cultural talk on Spain, SP rock mx (5 reporters).
- 6070 ECUADOR HCJB: 1139 Clayton "DX Party Line" Howard in EG during JP bcast (Klein).
- 6070 CANADA CFPX: 0100-0555 EG nx & ads, EZ mx (Gunnun 1/2, Howard-CA 12/16).
- 6070 VENEZUELA R. Los andes: *1008 canned "Mil Cuarenta" ID, 1cl mx & NA (Klein 1/5).
- 6075 WEST GERMANY DW: 1700 IS, nx in GM, good at local noon (Wood-NH).
- 6080 SUUDI ARABIA BSKSA Riyadh: 2115-2305*M&W in AR, nx & clear ID's, NA (Delap).
- 6080 AUSTRALIA RA: 1250 EG "Mailbag" pgm, Queens Xmas message (Jones-MS, Brown 1/7).
- 6080 CANADA CKFX-Vancouver: Yes, Virginia, there is a 10 watt Canadian that can be heard throughout North America, despite being beamed northward!, heard by the following reporters: 0136-0156 C&W mx, M in EG w/talk, football scores & ID as "Super Country CKWX" (Howard-CA). 0743 ID & wx report (Kamp-CA). 0108 local & nat. nx, ID's & wx, then into C&W mx. Poor & deep fades (Wiseblood-CA). Congrats to CA!
- 6080 BELGIUM BRT: 0027-0050 EG to Nam, reading reception rpts, pop mx & ID's(4 reporters)
- 6082 PERU R. Nac: 0730-0945 ID, SP talk & Peruvian mx(Novello, Klein, Cucura, Wood).
- 6085 SAUDI ARABIA BSKSA: 2250-2300* AR mx to 2300 s/off (Schumacher 1/2).
- 6085 WEST GERMANY Bayerischer Rundfunk: 0819-0904 GM pgms; chime at 0820, M in GM w/talk, operatic mx featuring M&W vocalists. Poor-Fair Dec.29,30 & poor Dec.31 (R. McVicar)? -Scw
- 6085 UNID *0945-0955 M&W in FR w/discussion at a good level (Krueger). Help, anyone? -Scw
- 6090 LUXEMBOURG RL: 2130 Religious pgm from Norway in EG, 2145 GM pgm of C&W mx, 0000 EG talk and wx for Gt. Britain, top-40 U.S.& Brit. rock to 0120+(9 reporters). 0745-0930 GM traffic rpt for the Autobahn, GM pop mx, TC's & ads(Brooker, Jones-MS)
- 6090 EUROPEAN SSR RM: Good w/classical piano mx at local noon (Wood 12/31).
- 6090.5 BOLIVIA R. Stentor: 1015-1025 local SP anmts & ads, some Quechua mx(McNeil/TDXN103).
- 6095 COLOMBIA LV del Centro: 0910-1008 "RCN" ID's, TC's, fast SP talk & LA mx, ads (Brooker, Krueger, Klein).
- 6095 POLAND R. Polskie: 1700 IS, s/on w/PO nx, nice at local noon(Wood-NH 12/31). *0200 M in EG w/nx and cmtry (Cucura 12/16),
- 6100 LIBYA SPLAJEC: 1930-2200* Islamic chanting, ME style mx (Earhart, Schweikart).
- 6101.0 VENEZUELA VYTO: 0450 time pips each second (Rankin). 0915-0955 (Tannenwald, Saylor).
- 6105 NEW ZEALAND RNZ: 0715-0730 Operatic mx, EZ mx, EG anmts & nx (DW Johnson 12/29)
- 6115 JAPAN NSB-2: 0725 JP talk by M&W, pop vocal mx, anmts by W in JP (DW. Johnson 12/18)
- 6115 MEXICO R Univ de Sonora: 0024 M in SP w/talks, into operatic mx (Fedor-CA).
- 6115 EAST GERMANY Konigs Wusterhausen: 0802-0903 M in GM w/nx, jazz & pop mx. Hosted by 2 Men in GM. 6 time pips at 0900 & M w/nx in GM (R McVicar 12/29).
- 6115 COLOMBIA LV del Llano: 0430-0950 "LV Del Llano---de Super Radio" ID's (5 reporters).
- 6130 CANADA CHNX-Halifax: 2350 Pop mx, EG nx @ 0000(RC Jordan). 0736-1155 Pop mx, ID's, TC's, EG nx, wx, sports, Great signals! (Zilmer,Klein,Cucura,Saylor,Krueger).
- 6135 BRAZIL R. Gaucha: 0810 ID's by M, ads, Pop and EZ mx. Fair (Klein-FL 1/5).
- 6140 AUSTRALIA ABC-Perth: 1320-1330 Classical mx, EG anmts at 1330 (Lineback 1/6).
- 6140 GREAT BRITAIN BBC: *0300 Bow bells IS, EG World nx to the USSR (Ethen 12/23).
- 6145 WEST GERMANY DW -Wertachtal: *0300 IS, ID, and nx in GM (Ethen.12/23). 500kw!!!-Scw
- 6150 CHILE R. Nac: 0030 EG pop mx, SP talk. Good (Zilmer). 1000 M in SP w/ID(R McVicar).
- 6150 AUSTRALIA ABC-Melbourne: 1255-1302* ID as "ABC Radio-1", wx and s/off (Higgins).
- 6150 COLOMBIA La Voz del Huila: 0740 slogan ID, LA mx (Kamp-CA 12/24).
- 6155 AUSTRIA ORF: *0130-0155* EG to Nam. Nx & cmtry, /19770 (R Fraser, Schmidt-WI).
- 6155 JAPAN FEN: 0725 EG Nx headlines, pop mx & ID's. Excellent! (Fedor 12/18).
- 6155 IRAQ R. Baghdad: 1600 nx in Hebrew , nice at 11 a.m. local time! (Wood-NH 1/1).
- 6156 HAITI Various stns: 1130 ID for "La Voix de l'ave Maria", though probably just a pgm rather thana stn ID (Berg). 0945-1009 FR talk, religious mx (R McVicar, Klein-FL).
- 6160 CANADA St. Johns (New Foundland): 0953-1130 EG nx & wx(Klein, Saylor, R McVicar).
- 6175 PERU R. Tawantinsuyo: *1007 ID and freqs, into Peruvian mx (Klein-FL).
- 6190 MOROCCO RTVM: 0520 Possible AR newscast, ID by W at 0600 (Klein-FL).
- 6190 WEST GERMANY SPB: 0650-C , GM nx & ID's following guitar notes, classical and GM pop mx. Lengthy pgm on occupation forces in Germany after WWII(Pappas,Krueger,McVicar)
- 6190 WEST GERMANY R. Bremen: 0800 gong & ID by M, pop & polka mx, ads (R McVicar 12/30).

FEBRUARY 1979

log report *section*

6200-11699



TOM GAVARAS

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* Many fine items this month with a new pirate on 7155 kHz, Radio Thailand, XEUN, Clandestine Bizim Radio, Clandestine Voice of the Malayan Revolution, more reports of Ethiopia and Oman, and a few interesting harmonics. Keep the reports coming!

MINISTRY OF INFORMATION
QATAR BROADCASTING SERVICE
ENGLISH PROGRAMME

- 6200 CLANDESTINE Bizim Radio; 0622 Turkish ID "Burasi Turkiye Komunist Partisinin Sesi.." and march music, etc. (Krueger 12/27).
- 6206 LIBYAN WATERS Mebo II; 0625 Continuous Arabic chanting (Presumed Mebo) (Alexander).
- 6215 ANDORRA R. Andorra; 0329-0605 French male announcer with ID, French & English pop music, etc. (Lineback 1/1, Schweikart 1/1, Osterman 12/25).
- 6220 USA MINNESOTA Voice of the Voyager WDBAYM (Minneapolis); 0300-0600+ (Variable s/on) GMT Saturdays and Sundays. Usual We Will Rock You s/on, pop music, Bobby Bootlegger, jokes, announces Crystal, MN address and phone: 612-537-9929, etc., etc. Has been observed broadcasting on 12/17, 12/24, 12/26, 12/30, 12/31 & 1/7. (Holmes, H. Johnson, Eastman, Marker, Brooker, Lineback, Rankin, Krueger, Simaschko, Torre, Hauser, Schweikart, J. Williams, Jordan, Lambard, McVicar, Gavaras). Count'em---17 reports!
- 6221 VATICAN STATE Vatican Radio; *0620 IS. ID in several languages with programs in various languages (Italian, English, Spanish, French, etc.). Past 0800 GMT. (Novello, Hauser, Brooker, Krueger, Alexander, Rankin, D.W. Johnson).
- 6222m UNIDENTIFIED; Bell IS 0828 w/ID in possible Italian into relig mx (Barto) Prob. Vatican
- 6230 EGYPT R. Cairo; 0215-0330* English ID, international news, talk on DX-ing and Arabic & pop music (Kissane, Jordan, Yacono, Plotnick, H. Johnson).
- 6250 EQUATORIAL GUINEA R. Malabo; 0527-0700 Spanish ID, local march music. etc. (Earhart 12/26, H. Johnson 12/22, Gavaras 1/13). 2015 2104* SP tlk, s/off w/NA (Alexander).
- 6550 LEBANON Voice of Lebanon; *0443-0621+ S/on with celeste music "Colonel Bogey" march, Lebanese anthem, ID, music, etc. (McVicar 12/29, Osterman 12/10).
- 6700 UNIDENTIFIED; 0607 "The Last Post" (American military "goodnight" song) played on a trumpet over & over like an IS. Stopped at 0625. Good signal (McVicar 12/22).
- 6765 CHINA PLA; 1140 Fast Chinese talking by a man (Prath 1/1)
- 6770 KOREA (NORTH) R. Pyongyang; 1008 Spanish talk with mentions of Korea (D.W. Johnson).
- 7035 CHINA R. Peking; 2310 Talking in a Chinese dialect//7060 (Delap 12/18).
- 7075 EGYPT R. Cairo; 0439 Arabic talking and Mid-East music (H. Johnson 12/27).
- 7105 ASCENSION ISLAND BBC; 0505 English talk on Golda Meir (Bryan 12/10).
- 7105 MONACO TWR; 0800 English Your Worship Hour, ID, etc. (Cucura, Brookwell, Eastman).
- 7110 ETHIOPIA WORE; 0326 IS, Time pips, ID, National Anthem, Amharic talk and music. (Fowler 12/12, O'Donnel 11/25).
- 7115 BULGARIA R. Sofia; *0430-0500* EG ID, News & cmntry (Cucura, Ethen, Byron, Eastman, Kissane)
- 7125 INDIA AIR; 1230 Tibetan w/IS, Talk, music and chanting//9/05 (Zilmer 12/29).
- 7135 LIBYA PRB; 0602 s/on Arabic with Libyan Anthem, ID & chanting (McVicar 12/22).
- 7150 USSR R. Kiev; *0030-0100* English news, cmntry, music, etc. (Fick, Yacono).
- 7155 USA Unidentified Pirate; Heard early morning GMT with Rolling Stones Some Girls and Russian Folk music. No announcements noted. (Krueger).-Thanks for letter, Terry. (
- 7165 USSR R. Moscow; 0230 English news and Moscow Review (J. Williams 12/30).
- 7170 NEW CALEDONIA R. Noumea; 0630-0824 French ID & pop music (Cucura, O'Donnel, D.W. Johnson)

- 7175 USSR R. Moscow; 0519 English cmntry on hard life after WW II (Bryan 12/10).
 7185 GERMANY (EAST) RBE; 0612 German w/classical mx, ID & News (Unger 12/26).
 7195 USSR R. Moscow; 0530 English cmntry on human rights (Bryan 12/10).
 7205v USSR MAYAK; 0545 IS & Russian tlk (Saylor). 1200 Russian tlk & mx (Schumacher).
 7210 USSR R. Rodina; 0015 Russian tlk with 1930-1940's US music (Fraser 12/5).
 7210 SENEGAL R. Senegal; 0752 French interviews, ID and music (Delap 1/6).
 7210 SWITZERLAND Red Cross; *0600 Swiss Radio Int. Interval Signal into German pgm(Saylor)
 7215t ANGOLA National Radio; 0731 Portugese talk with mixture of mx. No ID (Brookwell 1/5).
 7215 USSR R. Vilnius; 2300-2330 English ID, news, Letter Box (Earhart 12/27, Delap 1/5).
 7225 TUNISIA RTVT; 0500 Arabic singing and chanting. BBC interference (H.Johnson,Saylor).
 7240 AUSTRALIA R. Australia (Shepparton); 1229 English news and weather (Yajko 12/26)
 7255 NIGERIA VOA (Lagos); *0550 EG nx (Jordan,Whitaker,Higgins,Saylor,Torre,Baudino,Rakins)
 7260 USSR R. Moscow; 0537-0700* English Moscow Review & talk on Nicaragua (Bryan,Torre).
 7265 GERMANY (WEST) Sudwestfunk; 0415 German news and a vocal ballad (Jordan 12/11).
 7270 GREECE VOA (Kavala); 0300 English ID, talk & Christmas music (Burke, Valko).
 7270 SOUTH AFRICA RSA; 0300 English news "Good Morning Africa" (J.Williams 12/30).
 7280 LIBERIA VOA; 0350 English cmntry about Christmas, Breakfast Show (McCants 12/25).
 7300 ALBANIA R. Tirana; 0033 Albanian nx (Barta). 0330 EG ID & nx (Ethen, Barta).
 7305 CLANDESTINE V. of Malayan Rev; 2200 Malay ID, March music into talk (Fowler 12/24).
 7315v USSR R. Kiev; 0300 English talk on European frontiers (Plotnick, J. Williams).
 7345 CZECHOSLOVAKIA R. Prague; *0100 EG nx(Fraser). 0306 EG(Smith). 1910 EG nx (Higgins).
 7412.5 ISRAEL IBA; 2308* FR/EG live Christmas Mass from Bethlehem (Novello 12/24).
 7440 USSR R. Moscow; 2345 English Mailbag//15180,7115,7165,7195,7205 (Schmidt 12/7).
 7500 AUSTRALIA VNG Time Station; 1230 English ID w/second pulses (Higgins).
 7670 BULGARIA R. Sofia (Stolnik); 0445 Albanian tlk, IS into Serbo-Croat (Krueger 12/11)
 9022 IRAN VOI; 0330 English ID into Farsi (Plotnick). 2210 Farsi w/local mx (McClure).
 9060 USA KGA (Spokane); EG ID 0059 very weak here & on 4530, both harmonics of 1510 (Hruser)
 9290 CHINA R. Peking; 1245 English Drama with talk and music (Yajko 12/25).
 9340 CHINA R. Peking; 2134 Russian ID. Signal abruptly moved to 9350 kHz without a pause in either programming or carrier. Avoiding jamming? (Rankin 1/1).
 9420 KOREA (NORTH) R. Pyongyang; 0056 Spanish ID, freqs, music, etc. (Whitaker).
 9435 ISRAEL IBA; *2230-2300* English news, editorials, Forum, etc. (Fraser 12/20).
 9450 USSR R. Moscow; 0730 English World Service ID and news. RTTY Interference (Delap).
 9455v PAKISTAN R. Pakistan; 1815-2000* English news, vocal mx, etc. (Novello, Zilmer).
 9470 USSR MAYAK; 1230 IS, Russian s/on with talking //15455 (Prath 12/9).
 9470 CHINA R. Peking; 0330-0355* English ID with mentions of Mao (Brookwell 12/24).
 9475 EGYPT R. Cairo; *0200 English to N. America (Bryan,Baudino,Kissane,Schmidt).
 9500 LIBYA FRB; 0010 Arabic talking and music (Jordan, Osterman, Yacono).
 9505 DOMINICAN REPUBLIC RTVD; 0959 Spanish ID, freqs, Noticias "Nacional Y Mundo"-(Jones).
 9505 JAPAN R. Japan; 1400 English news & cmntry (J.Williams). 1507 EG nx (Yajko).
 9515 GREECE VOG; *0200 IS, NA, Greek news into English (Jordan, Poulos, Kissane).
 9515 TURKEY VOT; 2130-2257* English DX Club, ID, mx (Fraser, Schmidt, Orten).
 9535 ANGOLA R. Nacional; 2130 Portugese talk and music (Zilmer 12/23).
 9535 INDIA AIR; 2200 English news program//11620 (Zilmer 12/28).
 9540 POLAND Polish Radio; 1151 French ID, News into music program (Valko 12/13).
 9540 UZBEK SSR R. Tashkent; *1200 English Uzbek & World news (Clark 12/20, J.Williams 12/30)
 9560 JORDAN R. Jordan; 1630* English w/uninterrupted Rod Stewart mx (Radcliff,Novello).
 9565 MALTA DW; 0134 English news, Identification, sked, etc. (Kissane 12/29).
 9570 AUSTRALIA R. Australia (Shepparton); 1431 English world news and ID (Yacono 12/29).
 9570t QATAR QBS; 0421 Arabic talk w/male & female announcers & AR music (McCarthy 1/6)
 9570 ROMANIA R. Bucharest; 0400 Identification, news in English, etc. (Ethen 12/3).
 9570 SINGAPORE BBC; 2300 English world news program (Zilmer 12/17).
 9580 AUSTRALIA R. Australia (Shepparton); 1130-1300* Australia Tonight, nx (Fraser 12/27).
 9575 ITALY RAI; 0110 English talking about a meeting between Chile & Argentina (Yacono).
 9580 USSR R. Moscow; 0430 English ID with lots of talk on human rights (Bryan 12/10).
 9585 JAPAN R. Japan; *0955 EG News & 1600 EG (Schumacher. 1400 EG ID (Jordan, Cucura).
 9585 SOMALIA R. Mogadishu; 2030 Arabic news with Somali/Arabic music (McCarthy 12/16).
 9585 SOUTH AFRICA RSA; 0915 English "Looking into Africa" program (T.Smith,Schumacher).
 9585 USSR Moscow HS; 0950 Russian talking and choral music (Schumacher 1/2).
 9590 HOLLAND R. Nederland; *0230 English talk & Irish music (Baudino 11/28).
 9590 NORWAY R. Norway; 2100 English s/on into Norwegian program (Plotnick 12/3).
 9590 PHILIPPINES R. Veritas Asia; 1143 English contest announcement (Valko 12/11).
 9590 OMAN BBC; 0256 Bow Bells, Time pips, ID & news in vernaculars (Onken 12/7).
 9595 JAPAN R. Japan; 1158 Japanese news (Valko). 1415 EG cmntry on China (J.Williams).
 9600rf MEXICO XEUN/KEYU; 1640 Spanish talk, classical mx, ID "Sintonice con XEUN," sports review, etc. No mention of assigned SW call XEUN, but no doubt in // to 860 (Krueger).
 9600 USSR R. Tashkent; 1208 English talk, Russian music, chimes, etc. (Earhart 12/11).
 9600 USSR R. Moscow World Service; 1600 English news, cmntry & music (Fick 1/2).
 9605 CZECHOSLOVAKIA R. Prague; *1429 IS, English ID, sked, news (Kissane 12/7).
 9605 ECUADOR HCJB; 0705 English reading stories and music (D.W.Johnson 12/28).

- 9605 VATICAN STATE Vatican Radio; *0100 English ID, Religious tlk (Schmidt, Kissane).
- 9610 AUSTRALIA ABC (Perth); 1403-1510* EG ID, horse race, etc. (Riedesel, Schweikart, Yacono)
- 9610 SOUTH AFRICA RSA; *0200-0250* English News, cmntry, DX pgm (Kissane, Yacono, Bryan).
- 9615 ETHIOPIA VORE; 1500 English nx, mx, talk on Democratic Revolution & ID's (Lorz 12/27)
- 9620 YUGOSLAVIA R. Yugoslavia; 1528 IS, English ID & News (Kissane 12/7).
- 9625 CANADA CBCNS; 0600 English ID "CBC 940 Montreal, 104.7 FM Quebec City", nx. (Higgins).
- 9630 ISRAEL IBA; 1715 Hungarian news about Egypt-Israeli negotiations (Schumacher 12/13).
- 9630 SPAIN Spanish Foreign Radio; 0030-0140 English news & mx (Reynolds, Holmes, Schmidt,
- 9640 KOREA (SOUTH) R. Korea; 1600 English ID and news (Mc Clure 12/9). Simaschko).
- 9645 COSTA RICA TIFC; 1405 Spanish identification into L. American mx (Prath 12/10).
- 9645 VATICAN STATE Vatican Radio; 0700 EG/FR/IT/SP news, etc. (Prath, Clifford, D.W. Johnson)
- 9650 GUINEA REPUBLIC Rdf Nationale; 2025 French talk & local music (Alexander 12/26).
- 9655 THAILAND R. Thailand; 1036 Thai into English news program, easy listening music, ID "Radio Thailand broadcasts on the frequencies of 9655, 11905 kHz in the 25 and 31 meter bands...." After opening announcements, chimes, lady read news headlines. Signal was then completely wiped out by Radio Budapest (McVicar). -Nice catch! (tgg).
- 9660 VENEZUELA R. Rumbos; 0600 Spanish ID and music program (Higgins 12/17).
- 9670 PORTUGAL IBRA Radio; 2030 English ID into program in Swedish (Saylor 12/25).
- 9670 SAUDI ARABIA BSKSA (Jeddah); 2209 Arabic ID, announcements and music (McCants 12/31)
- 9675 GREECE VOG; *1600 Flute IS, NA, talk in unknown language (Howard 12/16).
- 9690 ARGENTINA RAE; 0230 Spanish "Panorama" with classical music (Brouillette 12/4).
- 9690 SWEDEN R. Sweden; 2300 English news and panorama program (Zilmer 1/4).
- 9690 USA WYFR (Florida); *2000 English Bible Reading program (McCants 12/31).
- 9693 CAMBODIA Voice of Rep. of Cambodia; 1200 English w/IS, ID, freq, sked, local news, music and international news. Also heard in Cambodian to 2300 s/off. (Zilmer 1/4).
- 9695 SWEDEN R. Sweden; *0230 English news and regular programs (Torre 12/20, D.W. Johnson).
- 9700 USSR R. Moscow; 0208-0230 EG Moscow Mailbag, Review of Soviet year (McCants, Brouillette
- 9705 BULGARIA R. Sofia; *0000-0100* EG News, cmntry and ID (Fraser, Cucura, Plotnick).
- 9705 INDIA AIR (Aligarh); 1138 English with state development newscasts (McVicar 12/11).
- 9705 MEXICO R. Mexico; 0305 Spanish Christmas Greetings and music (Clark 10/12).
- 9710 SOUTH AFRICA Springbok Radio; 0410-0535* English/Africans ID's, talk, ads (Benson & Hedges, etc) and pop music (McVicar, Zilmer, Jordan, Cucura, Gobel, D.W. Johnson, Radcliffe, Kissane, Higgins). 2045 English talk on construction of bridges (Orten).
- 9715 NETHERLAND ANTILLES R. Nederland; 0530 English His & Hers program (Goebel 1/10).
- 9720 KOREA (SOUTH) R. Korea; English *1600-1630* & *1800-1830* ID, News, cmntry, Korean music program, etc. (Koelble, Mc Clure, Kissane, Clifford, Schmidt).
- 9720 SRI LANKA SLBC; 0045 English news, ID and instrumental music (Clifford 12/31).
- 9720 USSR R. Moscow World Service; 1430 English news and music (Reynolds 12/12).
- 9725 SWITZERLAND Swiss Radio Int; 0213 English into Spanish pgm (Brouillette 12/4).
- 0410 English cmntry about interference on the Short Wave bands (Bryan 12/10).
- 9730 UGANDA UBC; 2030-2059* English with Ugandan folk music (Clifford 12/29).
- 9740 PORTUGAL R. Por-ugal; 2035 English ID, freq, times, etc - to Europe (Valko 12/28).
- 9745 ECUADOR HCJB; 0100-0430 English Relig programs, etc (Swanson, Schmidt, Reini, McCants).
- 9745 IRAQ R. Baghdad; 1915-1935 French ID into local music (Reini, Fick). 2005 Arabic(?) talk and music (Cress). 2144-2200* English news and round table discussion (Schumacher) *2218 English talk on July 17th Revolution & "Arab Woman" (Radcliffe, Baudino).
- 9750 ALBANIA R. Tirana; 0235 English ID and talk on Nordic countries (Ethen, Yacono).
- 9750 ECUADOR HCJB; 0300 English "Call of the Andes" program (Schumacher *2/13).
- 9760 GREECE VOG; 0002 IS into Greek news program (Prath 12/19).
- 9770 AUSTRIA ORF; 0133 English ID, talk on hairdressers, etc. (Yacono, Plotnick).
- 9770 CUBA RHC; 1345 Spanish talk and Latin American music (Prath 1/1).
- 9770 HAITI LVEH; 2100 Spanish ID & Bible tunes (Higgins). 2335 EG Relig pgm (Lorz).
- 9780 YEMEN ARAB REPUBLIC R. San'a; 0259 s/on with flute IS, time pips, ID, NA, lots of music (Mc Clure, McCarthy, O'Donnell). 2020-2112* Arabic ID & mx (Cress, Schumacher).
- 9780 ECUADOR HCJB; 0430 Russian religious pgm and music (Simaschko 1/7).
- 9780 KAZAKHSTAN SSR R. Alma Ata; *0000 IS, pips, two anthems, ID's (G. Sherman, Schumacher).
- 9790 ALBANIA R. Tirana; 0050 Albanian program into Spanish at 0100 (Schumacher 12/23).
- 9795 USSR R. Moscow World Service; 1700 English news & cmntry on Cuba (J. Williams 1/1).
- 9805 EGYPT R. Cairo; 1905 Italian news program (Schumacher 1/1). 2240 English Listeners Club program (Baudino).
- 9815 ISRAEL IBA; 0450 Hebrew talk, ads and jingles (Berta 1/2, Poulos 11/27). 2000-2015 English news, "Thank goodness its Friday" and "DX Corner" programs (Reynolds 12/12, Clifford 12/25, Simaschko 1/5). *2230-2300* English News and tribute to Golda Mier (Baudino 12/4, Fraser 12/11).
- 9820 CHINA R. Peking; 1200-1250 English commentary to North America with Chinese music (Kissane, Zilmer 12/29, Prath 12/31, Woltman 12/27).
- 9833 ISRAEL IBA; 0500 English news and press review (Barta, Clifford).
- 9840 KUWAIT R. Kuwait; 1800 Arabic talking and music. English pgm on 12085, not 15345 as announced (Novello 12/29).

- 9850 EGYPT R. Cairo; 0205 Arabic talking, chanting & ID (Brouillette 12/4) 1810
Arabic readings from Koran // 12050 (Novello 12/29).
- 9860 CHINA R. Peking; 2328 Spanish ID, discussion and Chinese music (Schumacher 1/6).
- 9870 KOREA (SOUTH) R. Korea; 1234 Spanish news read by man and woman (Valco 12/10).
- 9900 CHINA R. Peking; 2020 Chinese music with Chinese talking by woman (Cress 12/3).
- 9920 CHINA R. Peking; 1724-1726* Chinese identification and Chinese music (Kissane 12/31).
- 9977 KOREA (NORTH) R. Pyongyang; 1149-1249* English commentary on "A Korean definition of Democracy" (McCarthy). *2300-0000 English news, commentaries and music. (Orten, Radcliffe, Schmidt, Simaschko).
- 10004 USSR RID Time Station; 1919 Second pulses with Morse Code ID at 1919 (Higgins 12/22)
- 10010 VIETNAM VOV (Hanoi); 0000 Vietnamese talk & mx (Reynolds). 1000 Viet tlk (Higgins).
- 10040 VIETNAM VOV (Hanoi); *1530 English ID, sked & cmntry//12035 (Schmidt 12/31).
- 10060 VIETNAM VOV (Hanoi); 1245 Vietnamese talk with great signal (Higgins 12/31).
- 10570 NUMBER STATION; 2233 English with three digit numbers by woman. 2240 off air(Marker).
- 10645 UNIDENTIFIED; 2215-2230 English. ID "World wide entertainment network." Announcer had southern drawl. Talk about Dallas Cowboys, etc. (Schumacher 1/8) AFRTS feed??(tgg)
- 11350 KOREA (NORTH) R. Pyongyang; 0045 English w/music & announcements of freqs (Swanson).
- 11532 KOREA (NORTH) R. Pyongyang; 1208-1249* English ID & Singing (Kissane 12/7). *2300-0004* English political talk & cmntry (Yajko 12/30, Simaschko 12/30).
- 11620 INDIA AIR; 1830-2230* English news, talk about Camp David Summit, weather, Indian music, etc. (Clifford, Ethen, Zilmer, Jordan, Cress, Radcliff, Klein, Schweikart, Schmidt).
- 11630 EGYPT R. Cairo; 1623 Arabic ID "Huna Kahira", march music, speeches, applause, etc. (McVicar 12/11).
- 11635mf ISRAEL IBA; 2230* Hebrew talk and cmntry. Move from 11665 (Zilmer, Earhart).
- 11642 PAKISTAN R. Pakistan; 1815-1845 English news and local mx//9460 (Zilmer, Fedur).
- 11655 ISRAEL IBA; 0503 English talk about Israel/Egypt talks (Kissane 12/12). 2230 English news, Calling All Listeners, DX Corner, etc. (Clifford 12/25).
- 11650 CHINA R. Peking; 1500 English World News with ID (J. Williams 12/31).
- 11672 PAKISTAN R. Pakistan; 1600-1615* English low speed news (Fick 1/6). 2107-2145* talk in language with local music//9465 (Zilmer 12/23, Clifford 12/26).
- 11685 CHINA R. Peking; *0830 IS into Indonesian program of news, etc. (Klein 1/7).
- 11700 LIBYA PRB; 1440 Arabic chanting and ID (Prath 12/10).

THANK YOU TO ALL WHO SENT IN REPORTS THIS MONTH! A BIG WELCOME TO ALL WHO REPORTED FOR THE FIRST TIME! HOPE TO HEAR FROM YOU OFTEN!!! UNTIL MARCH..... 73, Lem

"THE 1979 ASSOCIATION OF NORTH AMERICAN RADIO CLUBS (ANARC) SUPERCONVENTION WILL BE HELD IN MINNEAPOLIS, MINNESOTA ON JUNE 22-23-24. A FULL, ALL-WAVE AGENDA IS BEING SCHEDULED AND PARTICIPATION IS EXPECTED FROM MANUFACTURERS AND INTERNATIONAL BROADCASTERS. A MORE DETAILED LIST OF CONVENTION ACTIVITIES WILL BE RELEASED SOON. FOR MORE INFORMATION, SEND A LARGE SASE TO: ASSOCIATION OF NORTH AMERICAN RADIO CLUBS, 1979 CONVENTION COMMITTEE, 3320 GRAND AVENUE SOUTH #305, MINNEAPOLIS, MINNESOTA 55408."

HELPING HAND: For sale. Barlow-Wadley XCR-30 Mark 2, from Gilfer in mint condition with service manual. \$150 included UPS shipping. Francis Fumelli, 500-52A Peconic Steet, Ronkonkoma, NY 11779.

HELPING HAND: For sale. DX-160, recently aligned, in good condition. \$125 with manuals in original carton, you pay shipping. Cliff L. Sanford, 3214 Corduroy Road #10, Oregon, OH 43616.

HELPING HAND: For sale. For nostalgia buffs - I have 35 issues of "RADEX", 1934 to 1941, and 17 issues of "International Radio", 1934 to 1942. Make an offer. Wanted: Accessories for SPR-4, noise Blanker, etc. I'm also interested in obtaining a second receiver. What do you have? State condition and price. Alfred J. Lisanti, 921 72nd St., Brooklyn, NY 11228. (212) 680-8164.

HELPING HAND: Wanted. Calibrator and noise blanker for SPR-4. Send info and price to Rich Orloff, 109 Village Path, Lakewood, NJ 08701

log report section

11700 & ABOVE



BOB BROWN

I have received loggings in the mail from individuals which were too late to publish, & some that were the wrong section. When you are going to be late why not send them to Tom Alleman for UPDATE?

- * * * * *
- 11700 SPAIN REE; *0930 SP, ID, nx to Africa & the Mediterranean (Brown)
 - 11705 SWEDEN RS; 2300-0257 EG, Regular pxs, //9695 (4 Reporters)
 - 11710 ARGENTINA RAE; *2315-2350* EG, ID, nx, mx, Poor audio, (3 Rep.)
 - 11710 UK BBCWS; 0210 EG, World news (Swanson 12/9)
 - 11715 SWITZERLAND SRI; *0158 EG, News (Baudino 12/4)
 - 11720 CANADA CBCNS; 1600 EG, World news (Swanson 12/16)
 - 11720 CHINA R Peking; 0835 EG, "Vietnamese aggression against peace-loving Kampuchea" nuff said? (Klein 1/7)
 - 11730 USSR Tashkent Uzbek; 1425 LANG, Vocal Rock mx, YL- "Kalinka Maya" IS-clarinet, RM ID- "Radio Muskovee...Tashkent" (Poppin 12/3)
 - 11740 CYPRUS BBC relay; *0340 AR, BBC notes then into AR service (Brown)
 - 11740 MADAGASCAR RN; *2030-2120* EG, IS, ID, "Newsline", His/Hers: (Missane)
 - 11745 ECUADOR HCJB; 0200 English ID & Music (Gunnun 12/30)
 - 11735 MADAGASCAR RN; 2335-2400 IN, Stronger than usual, mx & vocals, ID, (Earhart) 0000 DT, Not on my scds. Moved? (Burke) (ed- on BBC-MS scd.)
 - 11750 CYPRUS BBC; 0406 EG, Cmnty. on Iranian problems. (Bryan 12/10)
 - 11770 MEXICO RM; 0220 SP, ID, Tk, Seasonal mx, (Johnson 12/31)
 - 11790 USSR RMWS; 1430 EG, Nx, Cmnty. on RS Venus probe. (Williams 12/23)
 - 11800 AUSTRALIA RA Carnarvon; 1830 EG nx to Europe, Good (Wood 1/1)
 - 11805 E GERMANY RBI; 0130 EG interview, ID, 3ked., GG at 0145 (Schweikart) 0245 EG Nx, Sports, New Years message to NA, Good (Ethen 12/30)
 - 11805 SEYCHELLES FEBA; 0415 EG, ID, Tk on rubber, "Radio Today" (Saylor)
 - 11820 E GERMANY RBI; 0230 EG, S/on to NA, Nx, Very noisy, (Swanson 12/29)
 - 11820 USSR RM Frunze; 1150 EG, Mx, Nx, Facts on the Soviet Union (Schweikart)
 - 11825 SOCIETY ISL R Tahiti; 0312 TT, Island mx, Anns. to out ISls. (Riedesel)
 - 11835 HAITI 4VEH; 1400* EG, Rel. px, Requests for reception rpts. (Osterman) 1100 EG, Billy Graham- "Good News Festival" in India. (Byron 12/25) 2000 EG/SP, IDs, Non-stop Christmas Carols, Rel. px, (Clark 12/29)
 - 11845 VATICAN STATE VR; 1112 EG Interview w/ YL fm. Pakistan, ID, (Yacono)
 - 11860 SEYCHELLES FEBA; 1712 AR, Chanting, no ID, Ident./SPEEDX (Radcliff)
 - 11870 AUSTRALIA RA; 1530 EG, Nx, Mx, Asian Svc., Not on Scd. ID'd as 11880 What gives? (Williams); 1715 EG, Pop mx, freqs anned as 11870 and 11880 (Eastman 12/30); (ed. note- Listed as 11865 in BBC MS)
 - 11870 SRI LANKA SLBC; 1803 EG, Nx read by OM, ID at 1805 (Fowler 12/5)
 - 11890 CHILI VOC; 0235-0446 EG, Chilian mx, Cmnty on Chili, Very strong they must be using a 250 KW tx, better than HCJB on 1915, (4 Reporters)
 - 11895 AUSTRALIA RA; 2328/2335 EG, ID, IS Nx, (Plotnick, Wood)
 - 11895 NORWAY RN; *1800-1831* EG, Tk abt. bankrupcy of a local Co. (Schmidt)
 - 11900 S AFRICA RSA; 2150-0400 EG, Annual New Years Call in Program, Stress made on non-political but next day RSA made the most of Americans support of SA., Alleman & Gavaras names recognized. (9 Reporters)
 - 11905 CANADA RCI; 1913-1929 EG, Xmas costumes & foods in Canada (Unger)
 - 11910 HUNGARY R Budapest; 0200/0310 EG, Tk abt. Jazz mx (Baudino, Byron)
 - 11915 BRAZIL R Gaucha; 0230-0250 PT, ID, Soccer Game (Jordan 12/17)
 - 11925 BRAZIL R Bandeirantes; 0015 PT, ID, Brazilian mx, (Saylor 12/28)
 - 11925 GREECE VOA-Kavala; 0415 EG, ID, "Breakfast Show, (Bryan 12/10)
 - 11925 NETHERLANDS ANTILLES RN; 0120 EG, "Back To God Hour" (Swanson 12/9)
 - 11930 LIBERIA ELWA; *0624+ AR, ID, IS, Mx Theme, QRN, (Johnson, Schweikart)
 - 11935 PORTUGAL RP; 0306-0530* EG, Tk on Xmas customs & stories (Earhart) Tk on Geology (Ethen); IS, Tk on sightseeing & flowers in PT (Jordan) "Sun & Ski Px (Swanson)
 - 11935 SWEDEN RS; 1230 EG, Nx, "Panorama" //21690 (Zilmer 12/15)
 - 11945 CANADA RCI; 2020-2025 EG, Tk on Canadian Wildlife (Hoffmann 12/1)
 - 11945 CHINA R Peking; *0400 CH, ID, IS, Tk by M & W, Strongest ever (Ethan)
 - 11955 GREECE VOG; 0220 EG, World news (Swanson 12/9)
 - 11955 SINGAPORE BBC; 2245-2257 EG, ID, Stock nx, Drowned by VOA (Alexander)
 - 11960 ISRAEL IBA; 1715 HG, ID, Nx, Hi-QRN, Lo-QRK; 1730 RM, ID, IS, Nx, Mx Lower QRN & Higher QRK than prev. tx. (Barta 12/26)

- 11960 MALI RNM; *0756 FR, ID, S/on, Anmts, Band mx, Strong Het. (Lobdell)
*0759 FR, S/on, Px summary, Not Sun-only as per Dec. LRD-2 unless
this was a Holiday special. (Hauser 12/25); (ed. note rept. as 11965)
- 11975 USSR RMWS: 1300 EG, "News & Views", QRM, (Williams 12/30)
- 11990 CZECHOSLOVAKIA R Prague; 1810 EG, ID by OM into pop CZ song, (Yacono)
- 12020 USA-? VOA: 1955-2015 EG, Px for AP, Site not listed in D-78 (Brown)
- 12055 CHINA R Peking; 0400 EG, News, (Woltman 12/31)
- 12065 CHINA R Peking; *0000-0010 SP, ID, IS, Tk on Taiwan, (Schumacher 1/2)
(ed. note- Is a new freq? Sched. as 12080)
- 12175 ICELAND ISBS: 1241, Icelandic tk by OM, Inst. mx, Poor, (Radcliff)
- 12320 COLOMBIA E. N. Granada; 0547-0605 SP, ID, Nx, 2x6160, G. (Krueger)
- 15000 JAPAN JJJ- Tokyo; 0409-0412, CW, Under WWV/WWVH, CW-ID, (Rankin 1/3)
- 15009 VIETNAM R Hanoi; 1520, poss. VT, Gorgeous VT mx, V-good (Novello)
- 15060 SAUDI ARABIA BSKSA: 1430/1715-1835 AR, ID, AR mx, Orch mx, (4-Rep.)
- 15065 UK BBCWS; 1735-1800 EG, "Mystery Play", Sports nx, (Schumacher 1/2)
(ed.-note This should be 15070)
- 15080 CHINA R Peking; 0105/0205 EG, Nx by W, Very poor, (Gunnun, Swanson)
- 15084 IRAN NIRT; 1535 FS, Banging mx, less chanting, (Jordan, Yacono)
- 15085 CHINA R Peking; 0100 SP, ID, cmntry on US rec. of CH, (Saylor 12/17)
- 15100 LIBYA PRBS: 1430-1540 AR, Tk, Chanting, AR mx, (4- Reporters)(Kissane)
- 15130 AUSTRALIA RA: 0100-0157 FR, IS, pop/rk. mx, QRM-WYFR (Brouillette-)
- 15135 W GERMANY DW Malta; 1755 EG, Tk on relations of U.S., USSR (Yacono)
- 15140 USSR RMWS: 2225-2235 EG, Tk by M & W, Class mx, Poor, (Earhart 12/13)
- 15140 CHILI VOC; *2345 EG, QRM, weak, Four months waiting for QSL (Baudino)
- 15145 BRAZIL RJdComercio; 0040 (?), SP, Sports, QRM-sta. on same freq. (Field)
- 15150 ANTIGUA DW: 1200-1220* GM, Nx, Mx, Freqs., //11785 (Zilmer 12/29)
- 15160 AUSTRALIA RA; 0430 EG, ID, Tk abt. aust./jap. relations. (Bryan 12/17)
- 15175 NORWAY RN; 1600-1630/2232 EG, ID, Nx, Mx, QRM, (Reynolds, Plotnick)
- 15185 SRI LANKA VOA; 0110-0130 EG, ID, Nx, "Breakfast Show" (Cucura 12/16)
- 15195 JAPAN RJ; 2200-0206 EG, ID, Nx, "Current Topic", "Lets Learn Japanese
Tk on Xmas shopping, Cmnty on nuclear power (5 Reporters)
- 15195 USA VOA; 1930-2000 AR, Nx on Iran, (Schumacher 1/2)
- 15210 FRANCE RFI; *1700+ EG, Nx, Mx, "Paris Calling Africa" (Schmidt 12/2)
- 15240 YUGOSLAVIA YR; 1530 EG, S/on, World news, (Ethen 12/7)
- 15240 SWEDEN RS; 1600 EG, Nx, "Panorama" to Mid-East, (Zilmer 12/22)
- 15245 SWEDEN RS; 1530 FR, IS, Mx, S/off, Back in 30 min. in EG, (Ethen 12/7)
(ed.-note This probably should be 15240)
- 15250mf CHILI VOC; 0028 FR, IS-CH Big Ben, Mx, YL-Tk, (lousy); 0056 FR, IS,
ID, Tk by OM, (better); EG at 0100, Good signal. (Brookwell 12/10)
- 15255 NETHERLANDS ANTILLES TWR; 1300-1400 EG, Religious Pxs. (McCants 1/7)
- 15260 ASCENSION ISL BBC; 2135 EG, Class Mx, Cmnty, (Ethen 12/20)
- 15273 URUGUAY SODRE; 0032-0114 SP, Rock mx (U. S.) QRM-KGEI (McCarthy 1/1)
- 15275 INDIA AIR; 1230-1235 EG, Nx, Into Lang, //11620 (Zilmer 12/27)
(ed. -note This should be 15280)
- 15275 PHILIPPINES R Veritas; 2300-0030 IN/CH/EG, EG-IDs, Tk-CH/IN (Howard)
- 15300 CHINA R Peking; 0438 EG, CH class mx, Tk on VT aggression, (Bryan)
- 15300 FRANCE RFI; 1710-1753 EG, ID, Nx, Cmnty, Request for Letters (3-Rep)
- 15305 SWITZERLAND SRI; 1815 EG, "Talk Back" px, (Zilmer 12/16)
- 15310 JAPAN RJ; 0107 EG, News px to Europe, (Yajko 12/26)
- 15310 OMAN BBC; 0730 EG, Px of the year 1972 in mx, (Klein 12/5)
- 15315 NETHERLAND ANTILLES RN; 0035-0055 DT, Soccer scores? (This is not on
their sched.) (Earhart 12/11); (ed.-note, It is on the BBC Mont. Serv)
- 15320 AUSTRALIA RA; 0444 EG, Px on horse riding, (Bryan 12/17)
- 15325 CANADA RCI; 1902/1910 EG, Wnx, "Sat. Night Mx. Mag. (Swanson, Yacono)
- 15335 INDIA AIR; 1330 EG, News (Zilmer 12/22)
- 15345 TAIWAN VOFC; 0115 EG, Tk on relations w/ U.S. (Gunnun 12/29)
- 15350 LUXEMBOURG RTL; 0445-0507 FR, No ID, Tk, Orch. mx, (Earhart 12/31)
- 15360 FRANCE RFI; 1715-1725 EG, "Paris Calling Africa" (McCants, Williams)
- 15360 MOROCCO RTM Tangier; 1550 1600 AR, AR mx, Annc. by M, (McCants)
- 15385 ITALY RAI; 1825-1905* IT, ID, IS, IT mx, W nx, QRM by LA sta. testing
I suspect R Mexico, (Delap 12/31, Yacono 12/29)
- 15410 USA UNR-Greenville; 1845 AR, EG ID, Annc. next px in AR, (Yacono)
- 15410 USSR RM; 1400 EG, "News & World Today" (Williams 12/23)
- 15425 TAIWAN VOFC; 0101-0135 EG, Nx, Interview, Finally hrd. them well
enough to write they'll prob. burn my letter. (Burke 12/15); 0100-
0130+ EG, ID, Tk on U.S.-Red China relations, Student protests in
Taipai, Asking for letters, //15345, 17890 (weaker) Finally hrd. them
on this historic eve. (Higgins 12/17); 0129-0200 EG px w/ folk mx,
Hard to copy (Poulis 11/27)
- 15440 PHILIPPINES FEBG; 1431 EG, ID, OM read W nx then Asian nx, (Yacono)
- 15440 USA WYFR; 0000-0100 SP, News & music, (Gunnun 1/6)

- 15445 LIBERIA VOA; 2020 EG, Cmnty on Nat. Council of Churches w/rept on Jazz mx in a Pittsburgh Church. (Johnson 12/17)
- 15450 PHILIPPINES FEBC; 2305-2330 EG, NX, Mx, "Xmas in Philippines". (Orten) "Morning Has Broken" Px, (Kissane 12/30)
- 15460 USSR RP&P; 1330 EG, News cmnty, "Panorama". (Williams 12/23)
- 15474 EGYPT R Cairo; 1842 AR, ID, Chanting. (Yacono 12/29)
- 15480 USSR Tallinn; 0531 RS, Light Opera, not //15460 as prev. (Brookwell)
- 15490 USSR RM; (??), USB-1 received a letter from them denying that they ever brdcast. in USB. When they state R Moscow, how can they say it isn't?? (Varnetti); (ed.-Anyone else hear R Moscow on USB?)
- 15520 USSR RSP&P; 1510 EG, Nx, Political tk, (Prath 12/10)
- 15600 CHINA R Peking; *0100 EG, IS, ID, Nx, Cmnty. (Zilmer 12/17)
- 16190 USSR RM; 0000 EG, NX, Cmnty. (Gunnun 1/2)
- 17670 EGYPT VO Africa; 1700 AR, Tk, Mx, Chanting //11630 (Zilmer 12/18) (ed.-Isn't this Radio Cairo?)
- 17690 EGYPT R Cairo; 1520 AR, AR Mx, Chants. (Prath 12/24)
- 17695nf HOLLAND RN-Lopik; 1930-2020* FR, to Africa, ex.-17700. (Walcutt 1/14)
- 17710 PHILIPPINES R Veritas; *0000-0030* EG, "Our Daily Bread" Px, (Clifford)
- 17720 USA WINB; 1700-1950 EG, MX, "Hour of Decision". (Simaschko, Swanson)
- 17725 JAPAN RJ; 0219 EG, Asian nx, Relations between U.S. & Taiwan (Chinakos)
- 17735 FRANCE RFI; 1730-1753 EG, "Paris Calling Africa". (Calderwood 12/16)
- 17735 SWITZERLAND SRI; 1330 EG, Here & //21570, apparently ex-17790 due to BBC. 17735 was the formerly clear freq. I had been trying to get R. Finland to take, escaping the mess on 15210. (Hauser 12/30)
- 17740 BELGIUM ORU-BRT; *1710-1752* EG, "Brussels Calling". (Clifford 12/24)
- 17765 USSR RSP&P; 1528 EG, s/off followed by RM IS. (Prath 12/24)
- 17770nf NEW ZEALAND RNZ; 0001 EG, ID, NX, Weak but clear. (Brookwell 12/29)
- 17790 USA AFRTS; 2020 EG, Network News. (Saylor 12/26)-(ed.-sched.as 17885)
- 17825 AUSTRALIA RA; (??) EG, NX & Cmnty. (Gunnun 1/6)
- 17830 CANADA BBCWS; 2030 EG, "The Pleasure's Your's". (Swanson 12/26)
- 17835 W GERMANY RFE; 1420 CZ, Tk by OM-mentioned U.S. (Prath 1/1)
- 17850 USA WYFR; 2350-2400 RS, ID'd as "Radio Stansia Family Radio". Tk by YL & OM, Bible reading in slo-EG. (ID was of interest) (Fraser)
- 17855 CUBA RHC; 2002 FR, ID, LA mx, anmts., into EG at 2008. (Lykosavich)
- 17860 FRANCE RFI; 1718 EG, Tk on Rhodesia attacking Zambia. (Yacono 12/27)
- 17865 ECUADOR HCJB; 1905-1930 EG, to Europe, QRM. (Brown 12/27; 2155 GM, Religious Px; s/off in EG. (Ethen 12/27)
- 17880 SINGAPORE BBC-Relay; 2357-0001 EG, S/on, time ck., WNX. (McVicar)
- 17885 ANTIGUA BBC; 1515 EG, "Saturday Special"--sports, Ann'd "17.88" are they following RM's lead of dropping the final 5's? //11775. (Wood)
- 17927 CUBA RHC; 2020 EG, News, Cmnty. (Swanson 12/23)
- 18285 USSR RM; 0900 (?) (USB), Russian Conference. (Verneti 1/15)
- 19705 USA VOA; 1842-1910 Lang, EG Xmas mx, Ann in Lang, EG, ID. (Kissane)
- 20000 USA WWV; 2004 EG, Usual time sigs. w/ann., This was resumed on 12/1 & will continue as lng as conditions will allow. (Higgins 12/16) (ed.-note: I will only print time stas. when of interest.)
- 20062 USA VOA; 1624 UK, Full AM to China. (Hauser 12/30)
- 20065 USA VOA; 1630 UK, News. (Williams)
- 21460 BELGIUM ORU; *1604-1705 FR, IS, ID, Mx requests, Cmnty. (3 reporters)
- 21495 ISRAEL IBA; 1225-1229* EG, monitoring for ANARC, I found 11655, 15405, & 17685 poor. This was the only freq. considered good. (Earhart 12/4)
- 21525 USA WYFR; 1635 EG, "Mailbag" (Swanson 12/16); 1719-1740 AR/FR, Bible reading in AR, into FR at 1730. (McCants 12/30); 1700-1730 AR/FR, To Africa, but excellent in Venezuela. (Limann 12/10)
- 21555 AUSTRIA ORF; 0845-0850 EG, Tk on "Goats" both days. (Verneti 1/2&16)
- 21565 ISRAEL IBA; 1200-1230 EG, Nx, Ads for "American Israel Bank", "Drug Store #1". This freq. not on printed sched. (Wood 12/25)
- 21590 ASCENSION ISL BBC; 1500 EG, "Radio Newsreel" (Zilmer 12/29)
- 21595nf FRANCE RFI; 1414-1430 FR, Pop & Disco mx, IDs & Anns. //21675 (Jordan 1318 FR, "France Inter." //17775, 21645, To NA & FR Antilles. Not very good in Venezuela. (best is 21645) (Limann 12/10)
- 21605 KUWAIT RK; 1415 AR, Mx px w/ chanting. (Prath 12/25)
- 21610nf SWEDEN RS; 1400-1412 EG, NX, "Panorama", ex 21505, (Jordan, Zilmeri/1)
- 21615 USA WYFR; 1820 EG, Religious Sermon, //17845 (Alexander 1/1)
- 21615nf SWEDEN RS; 1400EG, Xmas Px to NAM, ex 21610 (Zilmer 12/24); 1428-35 I suggested 21615 in Nov. they used 21610 & had QRM w/ VOA. (Earhart-12/24); 1400 EG, Disregarding my recommendation of 21515 as replacement for 21505 due to QRM from R Saudi, they moved to 21610. Now due to QRM from VOA they have moved to 21615. But not there on 12/25 & 1/1 (Hauser) (ed.- It appears they went back again to 21610)

- 21615 USSR RMWS; 1347-1400 EG, ID, Class. RS mx, into RS at 1400 (Earhart)
 21620 FRANCE RFI; 1705-1755 EG, "Paris Calling Africa" (Clifford 12/31)
 21630 ASCENSION ISL BBC; 1615-1629* EG, "Science in Action", Abrupt s/off
 w/ no IS or ID, maybe it was a test. (Zilmer 12/22)
 21650 USA AFN; 2230-0000 EG, U.S. mx, rpt. from CBC nx, excellent (Limann)
 21700 PORTUGAL RP; 1423-1435 PT, Xmas mx w/ male commentator. (Earhart 12/25)
 21715 AUSTRIA ORF; 1030-1200 GM, Music, Best ever from ORF. (Limann 12/13)
 21735 MOROCCO RTM; 1100-1600 AR, AR mx, Tk, Nx, Good but w/ echo (Limann)
 21745 W GERMANY R LIBERTY; 1530 RS, IS, ID by OM. (Prath 1/1)
 22885 CLANDESTINE 1535 GM, GM numbers, poor miking/overmodulation; 5-digit
 each group twice. Sounded like phonetic clarifications. (Hauser 12/30)
 23710 PORTUGAL RFE; 1550 HG, Nx, Rock mx, 2x11855. (Hauser 12/30)
 23730 ANTIGUA DW; 2306 SP, Assumed site, tho Malta is on 11865 (Hauser)
 23821 UNID 1840 SP, LA sta., Probably 4x5955, Lvd1 Centauros (Hauser 1/1)
 24700 ANTIGUA BBC; 2305, Strong carrier w/ suppressed audio, apparently DW &
 BBC have a different policy on harmonic suppression from this site.
 (see 23730) 4x6175 of 23730 (?) (Hauser 12/31)
 25075 BRAZIL R Cult. Cuiba; 2230 PT, Class mx, Tk by M & W. 5x5015 (Ethen)
 25283 ALBANIA RA; 1404 (?), Weak mx, Reported by others also. Probably
 5th harm. of Home serv. of 5056.7KC. (Hauser 1/3)
 25620 FRANCE RFI; 1300-1400 FR, African px, Very clear every day. (Limann)
 1515-1548* FR, Operation on 11m still unpredictable but this segment
 fairly regular including EG segment toward end. Perhaps activated by
 requests or when propagation looks good. (Hauser 12/25)
 25790 S AFRICA RSA; 1500 EG, ID, Nx, Sports, Very strong. (Williams 1/1)
 1552* EG, This was sched. for D78 but was not activated until 1/1
 during phone call in px. Someone in UK commented on 11M reception.
 Reactivated due to poor 21535 in some areas. They want repts. (Hauser)
 28855 USSR (??) 2310 RS, IS every 15 min., Tk by M & W, (Ethen 12/27)
 30200 USSR RM Mayak; 1459 (?), IS, Blocked by Libya on 15100. (Hauser 12/30)
 30490 UNID 1705 Lang, Per sched. not RFE. Fundamental 15245-? (Hauser)
 30510 PORTUGAL RFE; 1700 CZ, Also heard fundamental, 2x15255. (Hauser 12/31)
 30780 UK BBC; 1445-1500 Lang, Px of U.S. pop-rock mx. (Fraser 12/17)

* * * * *
SPECIAL

- 15220 S AFRICA RSA; 2352-2354 EG, LR-C Editor in pleasant dialogue w/ Peter
 Miller of RSA's call in px New Years Eve. Tom refered to Buddies Kim
 Elliot & Greg Ravenhorst. Sounded great- pleasant, clear, distinct
 voice. Nice going Tom, good plug for U.S.A. DXers. (Poppin 12/31)
 (ed.- Sorry Tom I neglected to insert your name (Tom Gavaras) its been
 a long week)

With the last issue I started typing direct from the loggings instead
 of making a rough draft first & having my wife do the typing. Unfortunately
 I still use the hunt & peck system & I make some mistakes that I cannot
 correct. Please bear with me until I learn to type better. This system is
 much faster & easier & it still takes a full week to do the section.

I would like to ditto the remarks of Dan Robinson at the end of his
 LR-A section of January. We are looking for different &/or interesting
 loggings. The duplicating ones & those that don't say much must be left out
 due to lack of space. If I used all of the loggings that came in separately
 I would fill 10 or 12 pages each month. Please be selective in your loggings
 that you send in. But keep them coming we need you to make this magazine a
 success. Thanks again to all of you who stick with it & send in every month.

73's & Best of Luck This Year.

Bob

HELPING HAND: For sale. ASWLC mags from May 1976 to April 1977, RCI-HAP
 Ident cassetts Africa and Asia/Pacific/Americas, and Complete Shortwave
 Listeners Handbook. All for \$16.25 postpaid. Steve Bryant, 530 S. Main,
 Bourbonnais, IL 60914



FEBRUARY

FRIENDX CREDITS

Deadline: 12th of each month

LOG REPORTS

Address for loggings:

David L. Walcutt, 2828 Rogerdale #108, Houston, TX 77042

Brian ALEXANDER, Mechanicsburg, PA (RF-2800); P. BARTA, Toronto, Ont.; Jim BAUDINO, Joliet, IL; Jerry BERG, Lexington, MA (SB-310/RF-2800); Mike BROOKER, Toronto, Ont. (RF-2200); Larry BROOKWELL, San Diego, CA (SPR-4 & FS-4/RP-8880); Paul BROUILLETTE, Saulte Ste. Marie, MI (DX-160); Josephine I. BRYAN, Stockton, CA (FRG-7000); Art BURKE, Orlando, FL (SPR-4 w/longwire); Leslie BYRON, Laurelton, NY (Patrolman 9).

Michael J. CALDERWOOD, Denver, CO (FRG-7/DX-40); Robert W. CLARK, Phoenix, AZ (XCR-30); James C. CLIFFORD, Tacoma, WI (FRG-7); Anthony A. CLIFT, Camp Bellville, Ont. (Pye 1101); Hadley D. CRESS, Harrisonburg, VA (HRO-500/R-4C/RF-2800); Vladimir CUCURA Jr., Reading, PA (FRG-7/RP-2800).

Joe DELAP, Prairie Grove, AR (FRG-7/Philco classic); Wayne DIEDESEL, Dania, FL (DX-160); Kenneth A. EARHART, Allentown, PA (FRG-7); Gene EASTMAN, Huntsville, TX (FRG-7/RP-2200 with 94' windom, 70' inverted-L); Craig ETHEN, Portland, OR (FRG-7/SX-71/National SW-54 with 43 m. & 15 m. wires and RAK).

Jim FEDOR, San Diego, CA; Dean FICK, Lakeside, OH (FRG-7/DX-160); Marlin A. FIELD, Hillsdale, MI; Gary FOWLER, Islington, Ont. (FR-101S with 22 m. inverted-L); Robert FRASER, Cohasset, MA (XCR-30); Charles GEORGE, Dallas, TX (SSR-1); Jim GOEBEL, Jefferson, LA (SW-717).

Glenn HAUSER, Knoxville, TN (FRG-7/HQ-160/Astronaut 6); Earl HIGGINS, Riverside, IL (DX-160 with 20 m. N-S wire); Emmett J. HOFFMANN, St. Louis, MO (Collins 51S-1/Galaxy R-1530); Bob Holmes, San Antonio, TX; Ron HOWARD, Santa Barbara, CA (SB-310 with "Joystick" vertical); Douglas W. JOHNSON, Issaquah, WA (R-388); Hans JOHNSON, Kingwood, TX (RF-2200); Jack R. JONES, Jackson, MS; Richard C. JORDAN, Bolton, Ont. (SK-190/SW-717); Rufus JORDAN, Pittsburg, PA (Transoceanic).

W.J. KISSANE, Chula Vista, CA (DX-160); S. David "Stu" KLEIN, Gainesville, FL (DX-160 with 120 m. helical dipole); Mick KOELBLE, Canton, OH (FRG-7 with 134 ft wire & Dentron "Transmatch"); Terry L. KRUEGER, Casselberry, FL (QR-666 with 80' & 65' wires); Creede LAMBARD, Billings, MT (FRG-7 with indoor slinkies); Jack LIMANN, Caracas, VENEZUELA; Jerry A. LINEBACK, St. Joseph, IL (SPR-4); Chris LOBDELL, Stoneham, MA (FRG-7000); Lawrence LORZ, Hilton, NY (SPR-4/FRG-7 with 90' wire); Mark LUKOSAVICH, Cuyahoga Falls, OH (DX-160).

Donald L. McCANTS, Trussville, AL (RF-2800/DX-160); Daniel C. McCARTHY, Winter Haven, FL (DX-160); James T. McClURE, Lexington, KY (RF-4800/SX-190/FRG-7); Richard McVICAR, Prescott, Ont.; Brett MARKER, Rockford, IL (CRF-320); Eric MILLER, Dorchester, MA (Heath GR-54/DX-150).

Jay NOVELLO, Endwell, NY (RF-2800/XCR-30); Jeffrey O'DONNELL, Vinco, PA (AF-960); John C. ONKEN, Roanoke, IL; Lex ORTEN, Brentwood, TN (RF-2200); Fred OSTERMAN, Pataskala, OH (HQ-129x with 70' wire); Sydney J. OSTERMAN, Toronto, Ont. (FRG-7/SPR-4); Alan PLOTNICK, Hamden, CT (XCR-30); George POPPIN, San Francisco, CA (FRG-7); Milton POULOS, Chicago, IL (DX-160 with window frame antenna); John V. PRATH, Ft Lauderdale, FL (FRG-7000/FRG-7).

Ben RADCLIFFE, Ottawa, IL (RF-2200); Robert RANKIN, Lawrence, KS (FRG-7000); Roger REINI, League City, TX (Royal 3000-1); Bill F. REYNOLDS, Amherst, NY (SW-4A/DX-40); Brett SAYLOR, Altoona, PA (DX-160); Jerry F. SCHMIDT, Eau Claire, WI (FRG-7 & GAR-7); Fred SCHUMACHER, Kindred, ND (RF-2200); David SCHWEIKART, Fairfax, VA (R-530/Drake 2-C); George B. SHERMAN, Minneapolis, MN); Mike SIMASCHKO, Milwaukee, WI (Transoceanic); Todd SMITH, Wilton, CT (Astro 5); Richard D. SWANSON, Wellman, IO; Leon TANENWALD, Brooklyn, NY; Marco TORRE, Cardiff, CA; Dale UNGER, Hanover, PA; Dave VALKO, Dunlo, PA.

Elisabeth WHITAKER, Knoxville, TN (RF-2800); John D. WILLIAMS, Bloomington, MN (R-4C); Frank WOLTMAN, Cambridge, WI (RF-4800/FRG-7); Dom YACONO, Brooklyn, NY (DX-300); Robert A. YAJKO, Leechburg, PA (SPR-4); Robert R. ZILMER, Milwaukee, WI (R-390A/SPR-4).

PUBLISHER'S PAGE



HELPING HAND: For sale. Panasonic RF-2200 with original carton, papers, batteries, accessories and proof of purchase date (November 1978). Price of \$125 included shipping. Al Clark, 4517 Shawnee Rd., Martinez, GA 30907. Phone: (404) 860-0170 after 5:00 on weekdays.

HELPING HAND: Wanted. Copies of WRTVH prior to 1978. State year, condition, and asking price. Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758.

HELPING HAND: For sale. Supermodified Yaesu FRG-7 receiver in excellent condition. Has fine tuning dial, improved selectivity and parallax feature. Only 1 year old. \$270 or best offer plus shipping cost. Also for sale: Lafayette HA600A in very good condition. \$85 or best offer. David Greenes, 38 Grey Lane, Lynnfield, MA 01940. Phone: (617) 334-6306, not collect.

HELPING HAND: For sale. Drake SW-4A, \$135; DX-160, \$65. Both work very nicely. Send postcard for details. Wanted: Drake SSR-1 and Autek QF-1. Please state age, condition and price. Thomas Lebyrk, 13 Becker Terrace, Irvington, NJ 07111.

HELPING HAND: For sale. Drake SW-4A, \$220. Heathkit SB300, \$220. Rob Harrington, 3181 South York, Englewood, CO 80110. Phone (303) 781-1185 (0100 to 0400 GMT).

HELPING HAND: Has anybody ever heard (or better yet, taped) Radio Alma Ata's German broadcast to German-speaking people of Kazakstan? Fred Schumacher, RR 2 Box 231, Kindred, ND. Phone: (701) 428-3839.

HELPING HAND: For sale. Collins R-390A. Recently aligned and solid state power supply added. Excellent condition with manuals and extras. All mechanical filters. Asking \$695. J.R. Shrader, 78 Fruit Hill Drive, Chillicothe, OH 45601.

HELPING HAND: For sale. Heathkit SW-717 general coverage receiver and manual. Only 1 year old and in excellent condition. Included is a BUD FCC-90B 100 kHz crystal calibrator, also in excellent condition. All for only \$65 postpaid. Richard Jordan, Box 640, Bolton, Ontario, Canada LOP 1A0.

HELPING HAND: For sale. Sony ICF-6700W receiver with digital readout. In excellent condition. Only \$310. Steve Handler, 3330 Old Mill Rd, Northbrook, IL 60062. Phone: (312) 433-2802 days; (312) 498-1403 nights.

HELPING HAND: For sale. Hallicrafters SX-130. Very good. Over 145 countries heard on this one. \$125 which includes Radio Shack external 100 kHz calibrator. Wanted: KS preselector, MFJ Antenna Tuner, SST Antenna Tuner, Autek QF-1 Audio Filter, Noise Blanker for SPR-4. State price and condition. Jim Uerlings, 3908 Kelly Drive, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0100 GMT, Not collect.

HELPING HAND: I would like to contact other DXers in the Cincinnati, OH area to establish phone network for hot DX. Please drop me a line. Mike Salay, 2685 Montchateau Drive, Cincinnati, OH 45244.

HELPING HAND: For sale. 1. Sony ICF-5900W in mint condition with manual. \$85 post paid UPS. 2. Heathkit SW-717, factory assembled and just aligned. Very good condition, 16 months old and rarely used. \$45 shipped in original carton with manual. Ben Radcliff, 740 Tomahawk Drive, Ottawa, IL 61350. Phone (815) 434-4383 weekdays 0100-0400, all day Saturday and Sunday.

HELPING HAND: For sale. HRO-500, \$675. Panasonic RF-2800, \$210. Dan Ferguson, Box 8452, South Charleston, WV 25303.

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