



# **SPEEDX**

**THE DX RADIO BULLETIN FOR  
ACTIVE SHORTWAVE LISTENERS**

**Volume One -# 5**

**November 1971**

## **contents**

<b>News &amp; Views</b>	<b>2</b>
<b>DX Montage</b>	<b>3</b>
<b>ANARC News</b>	<b>5</b>
<b>Konen's Korner</b>	<b>6</b>
<b>Speedxtras</b>	<b>8</b>
<b>Propagation</b>	<b>10</b>
<b>SWBC DX</b>	
Western Hemisphere	<b>12</b>
Europe — Africa	<b>20</b>
Asia — Oceania	<b>26</b>
Station Skeds	<b>32</b>
<b>Utility Chasers Corner</b>	<b>34</b>
<b>Utility Spotlight</b>	<b>37</b>
<b>QSL Section</b>	<b>38</b>
QSL Features	<b>44</b>

**USING the BC 221  
SEE p. 9 !!**



# NEWS and VIEWS

Bill Flynn, Managing Editor, P. O. Box 473, Mountain View, Calif. 94040

**SPEEDX BOARD OF DIRECTORS** - has selected Art Glover to serve as Chairman for the next two years. The appointments of Bill Flynn as Managing Editor and Dave Thorne as Business Manager were confirmed. Work in proceeding on the drafting of a Constitution and By-Laws for the organization: it will be ready for publication soon. The BOD is considering various projects to enhance SPEEDX and make the hobby more interesting for you.

**SWEEPSTAKES:** Our big contest is stimulating more than ordinary interest. Some of the "Big DX Guns" who usually quip "I've heard 'em already..." are twirling dials again! With three classifications open, everybody has an even chance. See Jack White's pages and get going on it today!

**INFRINGEMENT OF COPYRIGHT:** EMBRYO PUBLICATIONS ( EF Darmstadt, Postfach 1031, 6100 Darmstadt, Federal Rep. of Germany) was closed down by the I.T.U. for copying the I.T.U. lists and selling them as their own, and charging more than the I.T.U. price. The announcement of their publication, "THE PTP DXERS HANDBOOK", was publicized in many club bulletins. The price was \$19.00. Other clubs please copy.

It's appropriate to mention here that you must have permission before reprinting material from another publication or club bulletin, and then give them their credit due. (We are quite generous about permitting reproduction of SPEEDX segments - see the note on the mailer page pg. 48.)

**YOUR CHANCE TO HELP:** The early months of SPEEDX have not been without problems and a huge work load for the editorial staff. We need more help! Spread the work load a bit thinner so that SPEEDX staffers have time to enjoy DXing too! If you have a few hours per month to spare and perhaps some special talent you might share with us, why not write me today? The SPEEDX organization has many vacant spaces!

Regretfully, "Pat" Patterson has to relinquish his editorship of SWEC - THE AMERICAS after the December issue. I'm looking for a worthy successor (an experienced DXer with a background in the Latin American area preferred) and asking for a volunteer.

**ATTENTION SPEEDX EDITORS:** Headquarters has had "feelers" from other clubs both in the United States and overseas about exchanging bulletin material. My feeling is that the best and most useful exchange is on a direct and person-to-person basis with those who are editing the same type of material as you are. Comparing notes or even a rough draft is not out of line and is encouraged.

**WE'RE BEHIND SCHEDULE!** And you best place the blame on me. But in future editions I have a plan to avoid logjams at this end.

*Bill*

---

## PUBLISHERS NOTES:

Be sure to notice the requirements of SPEEDX for "FULL MEMBERSHIP" as they are listed on page 7 of this issue! Then get to work to make up the remaining "points" you need to attain "FULL MEMBERSHIP".

QSL COLUMN REPORTING FORMS are now being printed. They will be available from Chris Leddell, 149 Walnut St., Reading, MASS. 01867 by sending a S.A.S.E. They will be available after December 1, 1971.

Did anyone notice that on the photo page of the October 1971 "FRENCH", the SPEEDX bulletin appears no less than three (3) times! Felled again, eh Charlie!!!

*73's Dave*



# Montage

Man Behind the typewriter: Serge C.P. Neumann

## NO WORLD RADIO-TV HANDBOOK SUPPLEMENT IN 1972!

**BILLBOARD MANAGEMENT FINDS SALES OFF;  
LISTENERS GET THE SHORT END - AGAIN**

There will be no Summer Supplement to the 1972 World Radio-Television Handbook. Oliver P. Ferrell, President of Gilfer Associates, states that sales of the Supplement were down considerably last year, + that Billboard Publications, owners of the WRTH, no longer see a special Summer Edition as a 'viable product.' Gilfer, who handle a major share of Handbook sales in N.A., indicate sales of the '71 Supplement were off by more than half.

Billboard assured Gilfer that the regular annual edition would continue as before - assembled and printed in Europe.

### EDITORIAL

The opinions expressed in this column are those of the writer, and hopefully but not necessarily reflect those of the management of S P E E D X.

The announcement that there'll be no Summer Edition is somewhat hard to digest. For many years this publication has been an invaluable mid-year publication.

Immediately comes to my mind: but what of frequency, program, and schedule changes? How are these to be conveyed to the masses of hobbyists worldwide?? Undoubtedly, with these questions come very easy answers: To fill this vacuum, the variety of clubs must pull together to the point where today's so-called 'inter-club cooperation' would look like peanuts. Claims by most of the world's leading DX'ers for closer cooperation + information exchange would seem to hold forth.

So this then is a new challenge: to get it all together --- for the good of all - not just for some. To those that support this philosophy - I praise you. For those that ignore it - I pity you and the hobby.

Submit DX material so that it reaches the editor not later than the 20th of each month.

"...WHAT OTHERS THINK..." (Part Two)

by

Oliver "Perry" Ferrell

Thus, it is conceivable--although admittedly unlikely-- that there are in excess of 6 million people in the United States listening some time each week to shortwave.

Four years ago, George Jacobs and Ed Martin at the VeA estimated that there were about 5 million shortwave receivers in the United States. The opinion at the VeA is that that number is now around 12 million receivers --- since it is known that the Japanese exported to the United States in excess of four million multi-band receivers in 1970. Sales of multi-band receivers are now running, roughly speaking, at about two and a half million receivers a year.

While there is no accurate worldwide estimate of shortwave receivers, it is reasonably safe to say that there are probably 150 million receivers capable of tuning shortwave bands. There are also 192 countries broadcasting on shortwave each day and about 110 of these are broadcasting programs intended to be heard by audiences outside of their own borders.

These figures, not unlike our own national debt, are difficult to visualize and are only mentioned here to emphasize 'why' shortwave broadcasting continues to be a potent political arena and an important educational force.

PART III: NEXT MONTH!

### TAKE NOTE!

On reporting loggings: Although it really shouldn't be necessary, it's become obvious that a word is needed along this line... Be sure of what you report. We all have imaginations, which of course is OK - just be sure that what YOU report is not 'manufactured' in your mind. It is so easy to spot these - when they do occasionally make the pages of SPEEDX. Please consider the many ramifications when you submit such phony loggings.

MORE..

Several years ago, John Callarman, of Mt. Vernon, IL, wrote A CODE OF ETHICS FOR DX'ERS. I believe in it, and present it here for cogitation!

I. DEFINITIONS

- A. A DX'er is one who listens in the radio and television spectrum - without regard to content (of the program).
- B. A 'Listener' is one who listens for program or message content.
- C. A DX'er can be a listener but the average listener is not a DX'er.

II. SCOPE OF RESPONSIBILITY OF A DX'ER

- A. The DX'er is responsible to the station he hears-
  - 1. Contact slanted to stations interest
  - 2. Reflect standards of the hobby overall
- B. DX'er responsible to fellow DX'er-
  - 1- Exchange of information
  - 2. Maintain the reputation of the hobby
  - 3. Maintain personal honesty and integrity
- C. DX'er is responsible to the club he joins-
  - 1. Club as medium of exchange
  - 2. Cooperation with club in its projects
  - 3. Adherence to club rules.

III. RESPONSIBILITY OF A CLUB

- A. The club is responsible to its members-
  - 1. To provide information of value to its members
  - 2. Engender friendly spirit
  - 3. Insure upholding hobby standards.
- B. The club is responsible to other clubs-
  - 1. Exchange of information provided by the respective members
  - 2. Cooperate in areas of mutual interest
  - 3. Avoid antagonism in the areas of disagreement
  - 4. Assist in policing violations of ethics.

IV. RESPONSIBILITY OF THE STATION

- A. The station is responsible to its listeners-
  - 1. Providing of programming
  - 2. Maintenance of good public relations
- B. The station has no responsibility to the DX'er-
  - 1. Unless the DX'er is also a listener
  - 2. Unless the station requests DX'er cooperation.

V. SUMMATION

- A. The hobby is basically a one man thing
- B. The club should try to prevent individual actions that are harmful to other hobbyists.

SHORT notes: The VoA relay station at Kavala in northern Greece won't be completed until mid 1972. When it's done though, look for 10 SW transmitters of 250 kilowatts each to take to the air, via 22 diplexed curtain antennas for improved coverage of East Europe, Central USSR, the Middle East, South Asia, and N. Africa. Also included at the Kavala site is a 150 kW AM station, transmitting to the Balkans and southern Ukraine....."Is it the intention of the founding members of SPEEDX to make it an all-band club or strictly a shortwave club? --- BCB DXing is historically the oldest form of DXing. It is a much more difficult hobby than shortwave --- I would like to see a recognition of broadcast band (BCB) DX in SPEEDX --- at least inclusion in club activities, such as contests." (Item from Father Jack Pejza).....The 1972 Communications Handbook should be on the newsstands about this time, with many of the articles being written by SPEEDXers Dr. Richard E. Wood and Glenn Hauser. Special focus is on current trends in shortwave broadcasting, the future of SW commercial radio, and clandestine activity....."On jamming, I wonder whether Don Dickey (c.f. August "DX Montage") also boycotted jamming culprits Spain, Portugal, S. Korea, Taiwan, etc. etc. Even Norway, not long ago, at the request of all the West European countries signatory to the anti-pirate station treaty, jammed Radio Northsea International. Thus not only Norway but all major West European nations should be boycotted. Not many countries left, eh?" (Item from Dr. Richard E. Wood).... Ed Shaw, 415 N. Shore Road, Norfolk VA 23505 has available a collection of 70 good quality Interval Signals from different countries. Just send a 3" reel of tape with atleast 300' and \$1 handling and postage fee.... (By the way, be sure to include your complete address when writing Ed!!) An Associated Press survey of some 1600 Czechoslovaks indicated 77 % preferred the VoA over all other SW stations. 52% indicated they listens to RFE. Actually, Deutsche Welle made the survey, released thru the Associated Press. (Item from Andy Kerr).....R. Omdurman, Sudan has recently been noted on 9505 at 2130 GMT with exceptional signals. (Item from Mac Leonhardt).....One way the European hobby counterparts are so FAR AHEAD of us --- Grundig, major manufacturer of portable receivers, includes with each radio, a special information sheet on ADDX-the German DX Club. Something we could adopt here in the U-8?

Send material to:

Serge C.P. Neumann  
 286 Scheidler Apts.  
 Muncie, IN 47304

Good DX!

# ANARC NEWS

BILL SPARKS

1100 Hearst Building,  
San Francisco, Ca. 94103

1971 ANARC MAN OF THE YEAR: Donald E. Erickson was announced as the 1971 M. O. Y. at the recent ANARC Convention. Don lives in Riverside, California, and received this honor in recognition of his outstanding and continuing contribution to the hobby. He publishes the International Radio Club bulletin, DX Monitor, which is issued thirty four times a year. He also publishes the ANARC Newsletter each month. Congratulations.

PUBLIC RELATIONS COMMITTEE: This is a new committee organized at the convention. Its chairman is Alvin Sizer. The purpose of the committee is to establish a personal contact with and supply information to prospective club members.

The committee is made up of regional representatives. Al will receive from various sources the names and addresses of prospective hobbyists who express a desire to learn more about DXing and DX clubs. These names will then be forwarded to the regional representative in the prospect's area. The rep. will contact the prospect--in person whenever possible--and will offer help and advice about the hobby, attempt to determine in which area of the hobby the prospect's interests are, and supply information on clubs, publications, receivers etc. Gilfer Associates is cooperating with the public Relations Committee in supplying names of prospective club members.

Regional representatives are still needed in certain areas of North America. Volunteers are especially needed in the area west of the Mississippi, Far West, South and Canada. Anyone interested in assisting in this project may contact Alvin Sizer, 22 Country Way, North Haven, Conn. 06473.

FREQUENCY RECOMMENDATION COMMITTEE: Chairman Roger Camire has resigned due to business commitments. The new chairman is Glen Hauser. Glen is reorganizing the committee; members are being selected on a geographic basis so that all regions of North America can monitor broadcasts and thus provide more complete data for recommending frequency changes. Glen's address is PSC Box 42309, Kelly AFB, Texas 78241.

AWARDS COMMITTEE: Dan Ferguson has accepted the chairmanship of the ANARC Awards Committee. This committee will continue to honor outstanding contributors to the hobby with periodic ANARC Merit Awards. Nominations for merit awards may be sent to Dan at 1521 Smith Road, Apt. 7, Charleston, West Virginia 25314. The committee will also select the 1972 ANARC Man of the Year.

1972 ANARC CONVENTION: The following three bids to host the 1972 ANARC Convention have been received:

- 1 - Club de DXers du Quebec has volunteered to host the convention in Quebec City, Canada, on the weekend of July 21 - 23.
- 2 - The Midwest DX Club has offered to host the convention in South Florida, probably Coral Gables, the weekend of July 28 - 30.
- 3 - Richard Clark has invited ANARC to hold its convention in Miami, Florida. He has not yet specified a date.

ANARC hopes that additional invitations will be received before the time to vote on a site. In order to allow time for publicity and planning of the convention by the host, all bids for the '72 convention should be in the hands of the current Convention Chairman, Serge Neumann, by Nov. 15, 1971. By this time volunteers should also supply information about proposed activities, field trips, etc., as well as some details concerning the hotel or other facility where the convention would be held. For Serge's address, see his DX Montage.

EUROPEAN DX COUNCIL: Bengt Dalhammar of Sweden has been selected to serve a one year term as Secretary-General of the European DX Council. He succeeds Alan Thompson of Great Britain. The new address for EDXC is: Pyrolavagen 20, Lidings, Sweden.

# Konen's DX Korner

## LISTENING AIDS FOR YOUR DX SHACK

by Mark S. Konen

No doubt you are continually hearing new DX and still hunting for more but find you just don't quite have "what it takes" in respect to equipment not found on your particular receiver. What I would like to do is try and explain the different types of gear you can buy or make to help boost your receiving capabilities. All of this equipment can be bought or made with a fairly reasonable amount of money. You will find that some of the things mentioned are already found on your receiver while others are not. So this should be a help to just about everybody.

Besides your basic receiver and antenna unit, you have the extra equipment. So let's start out with the S-METER. This is a meter calibrated from 0 to 40, 50, or even 60 units. The meter is built into most sets, but may be purchased separately and wired to your receiver. The S-meter gives you an approximation on the strength of a tuned signal to its peak level. It is also used to determine how many times a tuned station may fade.

Next off, you must have a CLOCK. How else could you know when to tune to a station? If you can get a hold of a 24 hour clock, fine, but a standard 12 hour clock will suffice. The only difference is that a 24 hour clock makes 1 revolution every 24 hours and is a bit easier to read. When possible, use electric clocks because they are much more accurate than battery or wind-up clocks. Be sure to check it with WWV or CHU to keep it accurate.

To 'know where it's at', you should have a crystal calibrator. This extremely useful device allows you to determine the frequency to which you are tuned. The calibrator is designed to give audio tone markers usually at 100 kHz intervals, thus allowing the listener to count down and tune his dial the right amount of intervals it takes to locate his station. Better calibrators can measure as low as 50, 25, 10 and even 5 kHz intervals with the ultimate being the ultra-precise digital readout jobs!

ANTENNA TUNING units allow to match the impedance (ohms) of your antenna to that of your receiver. This results in better performance because the two units are matched.

Another useful item is the Q-MULTIPLIER. While larger sets have this unit, the smaller, less expensive sets are without this asset. In the 19, 25, and 31 meter shortwave bands, the stations are so crowded together that you often hear 3 or 4 stations on the same frequency. The Q-Multiplier "magnifies" your bandspread dial so that you have more space between stations. Then it provides an opening for the desired station while it blanks out most of the unwanted stations. Heathkit has a fairly inexpensive kit that can be built.

NOISE LIMITERS are found on almost every shortwave receiver. This is fortunate since there is not a set or kit sold commercially for this purpose. The noise limiter helps to suppress unwanted electrical disturbance before it gets to you. It will not rid you of atmospheric QRN, but it helps get rid of lightning static, ignitions and household appliance static.

PRE-AMPLIFIERS are small external R-F stage amplifiers. It receives the signal from your antenna before it goes through the receiver and boosts the signal a little bit. So there is actually a stronger signal that your receiver's R-F stage can work with. This unit, although it boosts signal can boost QRN also. The most popular pre-amp on the market is the Ameco PCL-P which sells for under \$40. This unit is best used with the more inexpensive receiver where it can help the listener more.

One piece of equipment that has been around for quite awhile and is receiving widespread use by the DXer is the TAPE RECORDER. With the tape recorder you can tape the broadcast of a foreign station and send it to the broadcaster as solid evidence that you did hear his station. Also, you can start a tape library and collect tapes of transmissions from your rarer stations. You can even tape interval signals and use that as a reference. I'm sure you can find other uses for the tape recorder in adding to your DXing.

MORE...

Besides the basic receiver and antenna set-up, the most vital tool you can use is on paper. That is of course books, maps, charts and up-to-date schedules and bulletins. There are many books that you can get that will increase your knowledge on all aspects of DXing. But if you expect to hear DX, you must have the World Radio-TV Handbook and a bulletin with current loggings such as that found in SPEEDX or FRENDX. This has all the schedules, addresses, QSL data, languages and everything you need to know about a station. Many of these additional publications can be purchased through GILFER Associates and it would be a good idea to check up on some of these because they can be invaluable to you. I'm sure that you will hear all the DX you need with much of the equipment I have mentioned, plus a copy of SPEEDX every month. With all of that and patience, your totals will multiply! Good DXing!

*Mark*



SPEEDX MEMBERSHIP REQUIREMENTS OUTLINED

A membership committee has been designated to maintain a continuing record of each subscriber's contributing efforts to SPEEDX, and to select those who qualify for full membership.

Basically, the minimum requirement for full membership has been set at ten (10) earned credit points per year. Once earned, membership will remain effective so long as the annual points requirement is maintained. It shall cease to be valid immediately following any twelve (12) month period during which the required credits have not been earned. Full membership is intended to reward those who choose to actively participate in the Society; it is in no way compulsory, and those who are satisfied to be merely subscribers to the SPEEDX bulletin will always be entirely welcome - as associate members of the Society.

The following Earned Credits Schedule is intended only as a guideline for record-keeping and evaluation purposes. In practice, the membership committee is to use reason and good judgment in assigning credits, but will strive for leniency while judging each case on its individual merit. In cases, particularly, of those who become staff associates, or officials, of SPEEDX, some or all of the full membership privileges may be granted by the committee whenever practicable to do so.

EARNED CREDITS ALLOWANCE:

- a. Reports to any column (SWBC, QSL, etc.) ... 1 point per mo., each col. reported to.
- b. Articles accepted (divide points if co-authored)... 2 points per page or fraction. (plus 1-5 merit points)
- c. Filler items accepted .. . . . . . 1 point each item.
- d. Projects assistance rendered .. . . . . . 1 point per month. (plus 1-5 merit points)
- e. Financial contributions/donations .. . . . . . 1 point per dollar.
- f. Staff assistance (labor, advisory, etc.) .. . . . . Merit; 1-5 points per month of assistance.
- g. Staff & Officials, Earned Credits:
  - (1) President..... 3 points per month.
  - (2) Vice-President .. . . . . . 2 points per month.
  - (3) Director (Exc. Pres. & VP). 1 point per month.
  - (4) Managing Editor..... 3 points per month.
  - (5) Business Manager .. . . . . . 3 points per month.
  - (6) Projects Coordinator .. . . . 3 points per month.
  - (7) Treasurer .. . . . . . 2 points per month.
  - (8) Secretary .. . . . . . 2 points per month.
  - (9) Editors .. . . . . . 1 point per month.
  - (10) Chairmen, misc..... 1 point per month.



# SPEEDXTRAS

The Activities Division of SPEEDX

Projects Coordinator: Jack White, 780 NW Wallula Ave, Gresham, Oregon, 97030  
Associate: Andy Kerr, 555 West D Avenue, Creswell, Oregon, 97426

## "An all-time great DX aid"

This what the experts who have seen the proofs have to say about the SPEEDX UTILITIES HANDBOOK!!! Compiled and edited by Paul Mayo and Steve Handler, the HANDBOOK contains 72 pages that are jam-packed with information of vital interest to all DXers. In fact, it is doubtful that any other such reference source can match the quantity of hard-to-come-by utility station addresses alone!!!

This first major SPEEDX effort in the field of top-notch reference texts is scheduled off the press in early January 1972 at a price of \$3.00 per copy, but for those who act now, special advanced-sale DISCOUNTS are being offered through 31 Dec 1971!!!

	Regular Price After 31 Dec 1971	Advanced Sale Price	
General public and <u>SPEEDX</u> subscribers	\$3.00	\$2.50	All prices shown are postpaid within the US.
<u>Active</u> <u>SPEEDXers</u> *	2.50	2.00	Foreign sales slightly higher. Please write for quotes.

That's a DOUBLE DISCOUNT to active\* SPEEDXers on a publication that appears destined to become a "bible", and which would probably sell for considerably more if it were produced commercially. To take advantage of this special offer, send either \$2.00 or \$2.50 (depending upon your SPEEDX status\*) in check or money order to:

SPEEDXTRAS 780 NW Wallula Ave Gresham Oregon 97030

Orders must be postmarked on or before 31 Dec 1971 to qualify for these discounts.

(\* ) Until such time as the Membership Committee establishes specific requirements, and for the purpose of this advanced sale, "active SPEEDXers" will be considered to be those who have reported at least three times since 1 July 1971 to a SPEEDX section (one section three times, three sections one time, or any combination), or who have otherwise qualified by special services to the organization. Non-"actives" might note that there is still time to obtain the maximum discount...if you don't delay.

## Sweepstakes Notes

It looks like a really meaningful DX contest is now underway (it took SPEEDX to do it) with several having written in about their canny plans to obtain a low score. Don't take a census in the hen-house yet though men, because this little exercise has more twists than a bag-full of pretzels. Don't think so? Take a look at your log covering the same period of last year, check your QSL files, and then tell us you've got a plan. Yes, the final results will be very interesting indeed. Complete "Sweepstakes" rules and details may be found in the October 1971 issue of SPEEDX, or a reprint may be obtained from SPEEDXTRAS after about mid-November 1971.

## SPEEDX Mini Antenna

Two prototypes of the SPEEDX "Short-Snort" antenna are undergoing operational characteristics tests in the designer's small problem related to excessive battery power drain plagued early tests, but it appears the 30 inch unit will perform favorably throughout the 4 to 18 megahertz range. When the antenna has been thoroughly checked out, complete construction details and parts list will be made available as a "SPEEDXTRA". The unit can be built without soldering (that's the reason for two prototypes) for a cost of about \$2.00 (less if you're a good scrounger).

It is with pleasure that we announce the appointment of Andy Kerr to the SPEEDXTRAS staff. Andy has been on the DX trails for a little over three years and has compiled a creditable record. In addition, he serves the "Orygun" area as ANARC Public Relations Representative. Andy has some fine ideas aimed at making the SWL hobby more interesting and enjoyable which is the whole idea behind SPEEDX. Welcome aboard Andy!



# The BC-221 Frequency Meter

by  
Paul Mayo

There are many calibrators on the market for the DXer who doesn't happen to own a direct readout receiver, such as the Galaxy R-530 or the Drake SPR-4. The crystal calibrator is the easiest way of getting an idea of where you are, but that's all it is, an idea! The best way of finding out where you are is the use of a frequency meter. By far the most popular, among the SWL fraternity, is the BC-221 frequency meter.

This article's purpose is to help guide you through some of the pitfalls of buying and operating one of these fine sets!

The first models of the BC-221 go back to the days of World War II. It's an ugly looking set (looks aren't everything) weighing about fifteen pounds and measuring 10" x 11" x 9".

When buying a BC-221, or any surplus equipment, BEWARE!! Generally, you should consider the following:

- 1) Does the unit contain an AC power supply (115-117 VAC)? The BC-221 was designed to operate at 135 VDC (batteries) "in the field." So, you will have to build or buy a power supply, if the unit doesn't contain one.
- 2) Does the unit have a schematic? This is part of the calibration book (though it's usually missing) and is needed to hook up the power supply and make any future repairs.
- 3) Does the unit contain a crystal?
- 4) Does the meter have its original calibration charts? This can be checked from the serial # on the charts and the serial # on the "Signal Corps" identification plate. This is most important as each unit is specially calibrated and if the original charts are not included it's best to pass the unit up.
- 4) Is the unit guaranteed? Make sure the seller guarantees its accuracy. The unit should be accurate to .0025%.

How much should I expect to pay for one? Prices for the BC-221 vary depending on the condition of the unit and whether the unit is purchased from a dealer or through a private sale, but expect to pay \$55-\$125. The latter price would be for a late model unit (model AK-AN) with a regulated power supply and in excellent condition.

The BC-221 can be bought from the many surplus stores in various parts of the country. They also can be found in the ads in such magazines as "QST" and "CQ". Generally, a private sale would yield a cheaper price, but it's also riskier.

The Navy also has a frequency meter. This is the LM series and it's usually cheaper than the BC-221, while also being less accurate. Never the less, it's a highly desirable set!

OPERATION- The operation of the BC-221 is rather straightforward, but it does take a bit of practice. Hooking up the unit is rather easy. A two foot piece of insulated wire wrapped around the antenna lead-in will produce strong markers throughout the meter's range (125khz.-20mhz.).

The first thing to do is to let the unit warmup for about 1 hour. Some DXers leave their units on all the time to keep it stable. The unit is then put on frequency by zero beating the crystal a various "crystal check points" by adjusting the corrector control.

To obtain the frequency of an unknown station the receiver must be placed in the SSB mode (or BFO turned on). The unknown station is zero beated and the dials are read in "Hundreds", "Units" and a vernier dial in "Tenths of Units." We now head for the calibration charts to determine the exact frequency. Sometimes, you will have some interpolating to do, in the case where the frequency lies in between the points on the calibration charts.

A zero beat will be approached when the tone decreases and disappears and then increases. The point at which there is no tone is the zero beat.

The BC-221 is not the prettiest thing in the world, but after using it for awhile you'll wonder how you got along without it! I did!

# PROPAGATION

JACK WHITE  
780 NW WALLULA  
GRESHAM, OREGON  
USA 97030

The winter season brings a situation in North America where the daylight critical frequencies exceed those of summer. Since this phenomenon is due to an eccentric orbit of the Earth about the Sun, and thermal contraction of the ionospheric region as upper air masses cool, there is little reason to expect the coming winter to display a different pattern. It should be noted however, that since the 11 year sun spot cycle is now declining, daytime maximum useful frequencies (MUFs) in many cases will not be as high as they were in past years. A few exceptions will undoubtedly exist (just to prove the rule), and these will be for paths coming into North America from well within the southern hemisphere. In fact, the geophysical nature of things is such that there is relatively little difference between high and low sun spot years as far as the MUFs for signals traversing these paths are concerned.

Noise levels should be a bit lower on the average than those experienced the past few winters, which combined with lower nighttime MUFs should make DXing the lower ends of the dial a mite more pleasurable on a long cold evening. This should be especially true for Central and Northern Europeans as well as a number of Central and East Asians. Southbound reception on the lower bands should also improve slightly over that of recent years, although since much of the noise associated with these signals has its roots in atmospheric electrostatics at the equator, the improvement probably will not be nearly so pronounced.

Summing up all this double-talk, a general run-down of what might be expected on the shortwave broadcast bands goes something like this:

16 Meter Band (17700-17900 kHz): Strictly a fairly short haul maximum daylight band with only rare exceptions on those unpredictable days when the MUF climbs well above the median value. Some European reception will be noted around mid-morning and continue until a little past noon (a bit later in the southern portions of the US). Some scant Asian reception is to be expected briefly at mid-morning and again shortly after sundown (a longer opening is of course expected on the West Coast). African signals may do fairly well at mid-day through the afternoon, and looking the other way, Radio Australia may penetrate many headsets around local sunset.

19 Meter Band (15100-15450 kHz): Another daylight band although it will probably function well with semi-darkness on one end or the other of a given signal path. Towards Europe, conditions appear fair to good for most of the North American daylight hours as do both Asian and African signals also. In fact, for a period of an hour or two around early afternoon, this band will be open to almost anywhere.

25 Meter Band (11700-11975 kHz): This band will function at its best (which will be quite well) for semi-darkness paths. When working this type of opening, the DXer has to be on his toes however, as the duration of reception from a specific station or location is often quite brief. Some long shots from the far side of the Earth appear possible near sundown and again during the local dawn period or slightly after.

31 Meter Band (9500-9775 kHz): Should be the workhorse for European and African broadcasters beaming programs into North America during the "prime-time" evening hours. The band will open for long distances at dusk for paths to the east, and continue to follow the darkness pattern westward throughout the night. For a short period right after midnight, signal from all major World areas seem possible...though the quality may vary considerably. Special attention should be paid to East Asians as the band closes shortly following dawn.

41 Meter Band (7100-7300 kHz): Roughly the same conditions may be expected here as on the 31 meter band above, with one notable exception: Since this is territory shared with hams, the band could be more cluttered than in past years with many more amateurs moving down from 20 meters along with the sun spots.

49 Meter Band (5950-6200 kHz): Should open near sundown for long-haul DX into Africa, with South America following closely behind, and Oceania coming in around midnight. Unfortunately, the local and regional broadcasters who frequent this range are not always scheduled on the air during the propagationally best hours for reception in North America. African conditions are best about an hour before midnight, South America during the wee small hours, and the Pacific/East Asia regions at dawn.

60, 90, and 120 Meter Bands (4750-5060 kHz, 3200-3400 kHz, and 2300-2500 kHz): This is the domain of many a flat-out DXer in search of rare low-powered distant local broadcasters. Openings follow a strict darkness pattern and move westward with the "shadow". With the expected better overall conditions this winter for the bottom of the dial, we may find a number of "Sweepstakes" possibilities emerging.

That's the prospectus from here.....Good hunting,

*Dave*



# WORLDWIDE FORECAST

## November 1971

GMT	RCVR ZONE	SOUTH & CENTRAL AMERICA	EUROPE MID EAST N AFRICA	CENTRAL ASIA FAR EAST	SOUTH & CENTRAL AFRICA	AUSTRALIA SOUTH PACIFIC
0000 to 0300	E	31G 49G 60G	25G 31F 41F 49F	19F 25F 16M	25F 31G 49F 60F	19F 25F
	W	25G 31G 49G 60F	31G 25F	19G 16M	25G 31G 49F 60F	19F 16F
0300 to 0600	E	49G 60G	31G 41G 49F	25F	31G 49G 60F	19F 25F
	W	49G 60G	31G 41G 49F	19F 25F	31F 49F 60F 25M	25G 19F
0600 to 0900	E	49G 60G	31G 41G 49F	31F 49F 60F	31G 49F 60F	31G 49F 60F
	W	49G 60G	31G 41G 49G	31F 49F 60F	31F 49F 60F	31G 25F 49F 60F
0900 to 1200	E	49G 60G	31G 41G 49F	25G 31G 49F 60M	25F 31F	31G 49F 60F
	W	49G 60G	31F 41F	31G 49G 60G	31F 49F	31G 49F 60F
1200 to 1500	E	31F 49F	19G 16M	19F 25F 16M	19G	25F
	W	31F 49F	25G 31F	31F 49F 60F	25G 60M	31G 49F 60F
1500 to 1800	E	19F	19G 16F	19F	19G 16F	25M
	W	31F 25F	19G	19G	16F 19F	25F
1800 to 2100	E	19F	19F 16F	19F	19G 16M	25F
	W	19F	19G 16M	19G	19G 16M	19F 25F
2100 to 2400	E	19G 25G 31F 49F	19F 25G 31F	19F 25F	25G 19M	19F
	W	19G 25G 31F	19F 25F	19F	19F 25F	19F

RCVR ZONE indicates listener's region. E represents EST & CST time zones, and W is for MST & PST time zones. Reading down to the proper GMT and RCVR ZONE and then across to the area from which reception is desired, will indicate the SWBC band(s) most likely to be open at that time. Quality of the openings is given by G, F, M .. Good, Fair, and Marginal respectively.

# SWBC DX - Western Hemisphere

SHORTWAVE BROADCAST DX

November 1971

Western Hemisphere: Carroll R. (Pat) Fatterson, Chief Editor  
784 North Parkwood Road, Decatur, GA 30030  
Europe - Africa : Steven P. d'Adolf, Editor  
16 Westgate Drive, Apt. 201, Woburn, MA 01801  
Asia - Oceania : H. Robert Bundy, Editor  
Box 114, Truk, Caroline Islands 96942  
Station Data : Robert Butterfield, Editor  
38 Hamilton Road, Belmont, MA 02178

\* \* N O T I C E \* \*

This will be my next-to-last effort as Chief Editor, SWBC DX and as Editor of its Western Hemisphere section. My resignation will be effective with completion of the Dec/71 issue copy - on/about 20 Nov 1971.

Managing Editor Flynn has been advised of my decision to resign and he will likely enter something in this issue of SWBC DX advising all readers/contributors to whom they should send their reports for the Jan/72 issue and subsequent issues.

My reasons for resigning are personal. Though this, as well as my previous editorship have been interesting, to say the least, the time has come for me to get out of DX editing, hence my decision to resign.

I want to take this opportunity to publicly thank the present and former staff members of SWBC DX for their good work and fine support.

Mil gracias, too, to you, the reader/contributor, who has been the backbone of this column. Your support cannot be measured in words.

Pat  
'Pat' Fatterson,  
Chief Editor, SWBC DX.

## SWBC DX - Western Hemisphere

Date & Time: GMT

Fixed Deadline: 15th

### ARGENTINA

- 5985 0931 LR82-R Splendid, Buenos Aires: Sp w/ID as LR4; tangos; list 1 kw and not on until 1200 (fair 10 Oct; Hauser-TX). Wood-LA (1015, 9 Sep, fair ?)  
6060 0930 LR431-R Nacional, Buenos Aires: Sp w/LA & several anmts (fair 3 Oct; Redman-IL)  
6120 0110 LRX1-R El Lundo, Buenos Aires: Sp w/annts & mx, mostly instrumental (fair 17 Sep; Widner-IN)  
9690 0426 LR432-R Nacional, Buenos Aires: Sp w/LA mx, ID & talk (fair/good 2 Oct; Miller-On). Caldwell-Ck (6545, 2 Oct, good); Whitehead-MA (0230, 3 Oct, fair)  
11710 2338 LR435-R Nacional, Buenos Aires: Eng w/nx w comment (fair 8 Oct; Betz-CG)  
11880 1028 LR3-R Splendid, Buenos Aires: Sp w/"enthusiastic trilled ads in Argentine dialect" (fair 5 Oct; Hauser-TX).

### BOLIVIA

- 4875 0240 Cr75-R La Cruz del Sur, La Paz: Eng w/reel progr till 0501 s/off; impossible copy-big splash fr HJF (very, very poor 27 Sep; Kw Perry-IL)  
5015 0430 Cr48-R Universo, La Paz: Sp w/pop concert & ID; weak (poor 11 Sep; Sparks-Ck)  
6001.2 0912 Cr58-R Progreso, La Paz: Indian lang w/sr ID in passing at 0913 as "Radio Progreso de Bolivia"; variant from 6005 hrs. (fair 26 Sep; Hauser-TX)

### BRAZIL

- 3395 0125 (T)ZIC-R Clube de Conquista, Vitoria de Conquista, Ba: port w/no ID hrd - but lang definite (1 Oct; Shaw-Vk)  
4765 0850 ZL137-R Soc de Feira de Santana: port w/reel progr w/any mentions of "Brasil" & "Feira de Santana"; ID by YL; 2/cut 0915; splatter de ryongyang, 4770 (fair 26 Sep; Bundy-Caroline Islands)

## BRAZIL (cont'd)

- 4785 0000 ZYU8-R Ribamar, Sao Luis, Ba: port w/Brz mx & ID  
(poor 30 Sep; Zilmer-WI)
- 4845 0800 ZYU6-Raifa Teresina, Pi: Port w/amnts, pop mx, comls & TCs;  
s/on at 0800??(very good 25 Sep; RWPerry-IL)
- 4995 2355 ZYK2-R Brasil Central, Goiania, Go: Port w/talk & ID  
(poor 30 Sep; Zilmer-WI)
- 5054 2315 ZYO23-R Vitoria, ES: Port w/Brz & NA pop mx  
(Fair 3 Oct; d'Adolf-MA)(CHR: Listed on 5055 kcs)
- 5965 2355 ZYU60-R Guaiba, Porto Alegre, RGS: Port w/ID & talks  
(poor 26 Sep; Zilmer-WI)
- 5000 2345 PRK5-R Inconfidencia, Belo Horizonte, MG: Port w/Brz mx & ID  
(Fair 26 Sep; Zilmer-WI)
- 6025 2330 ZYR63-Emis Piratininga, Sao Paulo, SP: Port w/ID & Brz mx  
(poor 26 Sep; Zilmer-WI)
- 6035 2335 ZY26-R Globo, Rio de Janeiro, Gb: Port w/ID, ads & Brz mx  
(good 26 Sep; Zilmer-WI)
- 6095 2330 ZYB7-Raifa de Sao Paulo, SP: Port w/Brz mx; ID at 2330 pre-  
ceded by prolonged BOING noise(fair 8 Oct; Schwartzmyer-  
NY). Zilmer-WI(0000, 22 Sep, fair).
- 6115 2300 ZYC7-R Tamio, Rio de Janeiro, Gb: Port w/ID, talk then sports  
(Fair 26 Sep; Zilmer-WI)
- 6125 0155 PRG9-R Nacional, Sao Paulo, SP: Port w/ID, Brz mx, talks  
(poor 3 Oct; Zilmer-WI)
- 6175 2325 ZY74-R Guarani, Belo Horizonte, MG: Port w/ID, ads & nx  
(Fair/good 26 Sep; Zilmer-WI)
- 6185 2245 ZYR77-R Bandeirantes, Sao Paulo, SP: Port w/ID & talk  
(fair 26 Sep; Zilmer-WI)
- 9585 0923 ZYR56-R Nacional, Sao Paulo, SP: Port w/talk & some mx  
(Fair 6 Sep; Slosman-NY)
- 9675 0830 ZYT29-R Diario da Manhã, Florianopolis, SC: Port w/"Pano-  
rama Agricola" prgr presented by Banco Regional de Desen-  
volvimento do Extremo Sul(BRDE); mentions of "Santa Cata-  
rina"(good 25 Sep; Hauser-TX)
- 9695 0250 ZYB22-R Rio Mar, Manaus, Am: Port w/ID, ads & talk  
(poor 30 Sep; Zilmer-WI)
- 11765 0150 ZYB8-Raifa de Sao Paulo, SP: Port w/ID & sports  
(poor 22 Sep; Zilmer-WI)
- 11785 0002 ZYU61-R Guaiba, Porto Alegre, RGS: Port w/mx, nx, comls;  
"many old US tunes; very clear for about 20 mins then  
QRL:(fair/poor 8 Oct; Whitehead-MA). Zilmer-WI(0145, 22  
Sep, fair).
- 11795 0015 ZY239-R Nacional, Rio de Janeiro, Gb: Port w/ID & talks by  
man(fair 21 Sep; Lanoue-MA). Caldwell-CA(0230, 5 Oct, fair);  
Zilmer-WI(0000, 22 Sep, poor).
- 11805 0250 ZY236-R Globo, Rio de Janeiro, Gb: Port w/mx, comls, IDs & at  
0300 list of network stns(good 10 Oct; Lanoue-MA). Zilmer-  
WI(0155, 22 Sep, good).
- 11825 0015 ZYK32-R Jornal do Comercio, Recife, Pe: Port w/Brz mx  
(Fair 3 Oct; Rogers-England)
- 11925 0930 ZYR78-R Bandeirantes, Sao Paulo, SP: Port w/Brz mx & several  
Shell ads; QRL fr V of the Orient; deep fade(fair 25 Sep;  
Doherty-CA). Zilmer-WI(2330, 8 Oct, fair).
- 11965 0009 PRB24-R Record, Sao Paulo, SP: Port w/"futebol" game; "sounded  
like Ted Husing!:"(fair 23 Sep; Miller-OH). Zilmer-WI(2345,  
3 Oct, poor)
- 15105 2220 ZY232-R Rural Brasileira, Rio de Janeiro, Gb: Port w/mx &  
many IDs "Radio Rural Brasileira de Ministerio de Agricul-  
tura"(fair 18 Sep; Whitehead-MA). Zilmer-WI(2305, 3 Oct, fair).
- 15145 1915 ZYK33-R Jornal do Comercio, Recife, Pe: Port w/sports  
(poor 3 Oct; Zilmer-WI)
- 15155 0100 ZYB9-R Tupi, Sao Paulo, SP: Port w/long nx broadcast  
(very good 4 Oct; Caldwell-CA). Zilmer-WI(2315, 22 Sep, fair)
- 15190 0245 PRK9-R Inconfidencia, Belo Horizonte, MG: Port w/love songs  
& Brz mx(fair 4 Oct; Caldwell-CA). Zilmer-WI(2200, 20 Sep, fair).
- 15415 0032 (T)ZYR216-R Clube de Ribeirao Preto: Port w/Brz mx & pop mx  
(Fair 25 Sep; Rogers-England). Zilmer-WI(0000, 6 Oct, fair).
- 15450 0030 ZYK32-R Nacional, Brasilia, DF: Port w/bossa nova, TCs & temp.  
for Brasilia; // 11720 kcs(fair ? 2 Oct; Wood-LA). Caldwell-  
CA(0115, 2 Oct, fair).

CANADA

- 6005 0830 CFCX, Montreal, PQ: Eng w/sports news (poor 25 Sep; Redman-IL)
- 6010 1145 CJCX, Sydney, NS: Eng w/mx, nx, wx, time pips; orange drink & GM comls (fair 28 Sep; Shaw-PA)
- 6030 0535 CFVP - V of the Prairies, Calgary, Alta: Eng w/mx, ads & IDs; "Earliest I've picked them up here" (poor/fair 12 Sep; Day-CA), Marks-OR (2200, 26 Sep, weak-noisy)
- 6070 0100 CFRX, Toronto, Ont: Eng w/classical mx (good 5 Oct; Marks-OR). Day-CA (0315, 9 Oct, poor); Redman-IL (0905, 25 Sep, fair); Shaw-PA (1200, 28 Sep, good).
- 6130 1010 CHNX, Halifax, NS: Eng w/local ads (fair ? 9 Sep; Wood-LA). Schwartzmyer-NY (2345, 8 Oct, poor).
- 6160 1500 CKZU, Vancouver, BC: Eng w/music & talk; fading (poor ? 7 Oct; Marks-OR)
- 6160 2106 CKZN, St Johns, Nfld: Eng w/disc jockey show; "first time I ever got this one" (poor 5 Sep; Miller-OH)

CHILE

- 6120 0310 CE611-Soc Nac de Agricultura, Santiago: Sp w/"futbol" & freq IDs (fair ? 29 Sep; Caldwell-CA)
- 9570 0703 CE957-R Portales, Santiago: Sp w/ID & pop mx; "through somebody's carrier" (fair 25 Sep; Widner-IL). Doherty-CA (0700, 25 Sep, good); Zilmer-WI (0015, 5 Oct, fair); Lanoue-MA (0200, 10 Oct, good); Messick-CA (0615, 11 Oct, fair?).
- 9590 2330 CE959-R Pres Balmaceda, Santiago: Sp w/lgt mx, some songs in Eng; gongs & nx at 2355; smothered by R Nederland at 0020 (fair ? 7 Oct; Schwartzmyer-NY). Lanoue-MA (0500, 26 Sep, good); Brooks-NH (0450, 26 Sep, good); Caldwell-CA (0300, 30 Sep, poor).
- 11960 2230 (?) CE1196-Soc Nac de Minería, Santiago: Sp w/mx; "could get no good ID" (poor ? 19 Sep; Marks-OR).

COLOMBIA

- 4905 0500 HJAH-Emis Atlantico, Barranquilla: Sp w/LA mx & IDs (good 10 Oct; Lanoue-MA)
- 4945 0725 HJDH-R Colosal Neiva: Sp w/local mx & several IDs (exc 18 Sep; Redman-IL). Betz-CO (0519, 18 Sep, good); Day-CA (0558, 21 Sep, poor).
- 4955 0437 HJGQ-R Nacional, Bogota: Sp w/mx & nx (good 18 Sep; Betz-CO). Zilmer-WI (0315, 22 Sep, good); Redman-IL (0345, 15 Sep, good); Schwartzmyer-NY (0245, 30 Sep, very good).
- 4965 0750 HJAF-R Santa Fe, Bogota: Sp w/mx & frequent IDs (good 7 Oct; Brooks-NH). Zilmer-WI (0330, 22 Sep, fair); Betz-CO (0512, 12 Sep, good); Schwartzmyer-NY (0130, date?, fair); Redman-IL (0605, 19 Sep, good).
- 5020 0710 HJFW-Trans Caldas, Manizales: Sp w/local mx & RCN IDs (exc 18 Sep; Redman-IL)
- 5075 0205 HJGC-R Sutatenza, Bogota: Sp w/ID followed by mx w/Sp flavor; // 5095 kcs (fair 26 Sep; Bruns-MO). Zilmer-WI (0230, 29 Sep, good); RW Perry-IL (2240, 19 Sep, fair).
- 5095 1030 HJGG-R Sutatenza, Bogota: Sp w/ID, ads, then mx (good/exc 3 Oct; Getzel-NY). Zilmer-WI (2330, 30 Sep, fair).
- 6030 1115 HJCT-R Nacional, Bogota: Sp w/Eng lang lesson (fair 22 Sep; Zilmer-WI). Getzel-NY (0445, 1 Oct, good).
- 6040 0359 HJLB-LV Tolima, Ibague: Sp w/closing amts & s/off; "Think ancr's name is Rene Vargas" (good 19 Sep; RW Perry-IL)
- 6055 0432 HJEX-R Pacifico, Cali: Sp w/classical mx & ID (fair 30 Sep; Zabransky-IL)
- 6075 0200 HJID-R Sutatenza, Bogota: Sp w/ID & LA mx (fair 27 Sep; Zilmer-WI)
- 6105 1104 HJDV-R Vision, Medellin: Sp w/ID & talk-man & woman (nx?) (fair 15 Sep; Zabransky-IL). Zilmer-WI (1105, 24 Sep, good).
- 6125 0230 HJKE-R Continental, Bogota: Sp w/LA mx; "stn came in very well" (good 4 Oct; Shaw-PA)
- 6140 1020 HJEZ-LV Cali: Sp w/amts for TODELAR soap operas; ID as "Somos TODELAR; somos profesionales; somos La Voz de Cali" (fair 25 Sep; Whitehead-MA). (CRP: Jim, see Oct SPEE DX, page 12, re. freq. change).
- 6160 0600 HJKJ-Emis Nueva Granada, Bogota: Sp w/music (fair 30 Sep; Caldwell-CA). Zilmer-WI (1145, 26 Sep, good); Redman-IL (0905, 3 Oct, good); Marks-OR (0600, 25 Sep, good).
- 9635 0050 HJZM-R Nacional, Bogota: Sp w/speeches by various 'big wigs' on the occasion of the exposition in Cucuta direct fr loca-tion (fair 3 Oct; Whitehead-LA). Zilmer-WI (1115, 6 Oct, fair).

COSTA RICA

- 4832 0500 TIIB-R Capital, San Jose: Sp w/LA mx & ID "Radio Capital de Costa Rica" (fair 22 Sep; Day-CA). Zilmer-WI(0300, 30 Sep, fair); Redman-IL (0520, 18 Sep, good).
- 6006 1100 TIIB-R Reloj, San Jose: Sp w/LA mx & frequent "Radio Reloj" IDs; heavy QRM (fair ? 25 Sep; Doherty-CA). Zilmer-WI(1115, 22 Sep, good); Redman-IL(1100, 22 Sep, fair); Caldwell-CA(0300, 3 Oct, fair); Miller-OH(1037, 2 Oct, good).
- 6150 0300 TIRS-R Atenea, San Jose: Sp w/LA mx (good 2 Oct; Caldwell-CA). Wood-LA(1015, 9 Sep, qual?).
- 9645 0350 TIFC-E1 Faro del Caribe, San Jose: Eng w/history of letter-post & stamp nx; s/off 0404 (poor 29 Sep; Koutnik-KS). Betz-CC(0307, 14 Sep, poor).

CUBA

- 7620 0100 R Habana: Eng w/sign-on to NA (ex-9760 one night only); splash HCJB to NA-9615 (2 Oct; Wood-LA)
- 103004 0145 R Habana: Sp w/Id & into LA mx; "this is a off-band frequency not listed in the WRTVH" (good 29 Sep; Getzel-NY)

DOMINICAN REPUBLIC

- 3365 0030 HIRL-R Exitos, Santiago: Sp w/soap opera "Umbrada de Fomanto" & ID "Desde Santiago en la Republica Dominicana, transmite Radio Exitos" (fair 10 Sep; Whitehead-MA). Bruns-MO(0332, 8 Oct, poor).
- 4782.5 0100 HIAS-Onda Musical, Santo Domingo: Sp w/"Ruta musical" (qual? 10 Sep; Wood-LA)
- 4880 0406 HIJP-R Comercial, Santo Domingo: Sp w/serious talk & ID (poor/fair 3 Oct; Miller-OH). Bruns-MO(0420, 28 Sep, poor); Patterson-GA(0415, 3 Oct, fair).
- 4930 0530 HIBE-R Lil, Santo Domingo: Sp w/local mx & frequent IDs (fair 8 Oct; Messick-CA). Day-CA(0630, 10 Sep, fair); Schwartzmyer-NY(0300, 30 Sep, qual?); Zabransky-IL(0410, 7 Oct, good); BPerry(2330, 17 Sep, exc); Zilmer-WI(0305, 27 Sep, good); Redman-IL(0005, 18 Sep, fair).
- 4962 0430 HI -R Antillas, Santo Domingo: Sp w/romantic songs, ID, TCs, 0500 s/off; ID "Este Radio Antillas, Santo Domingo, capital Dominicana" (fair 15 Sep; Sparks-CA). Wood-LA(0500, 8 Sep, on 4960, IDing as "Radio Antillas, 1120 kHz"; subsequently drifting as high as 4962). (CRr: Is this a new one? I have nothing on it).
- 5010 0200 HIMI-R Cristal, Santo Domingo: Sp w/"Las Ultimas Noticias" sponsored by Bermudez (fair 7 Oct; Whitehead-MA). Day-CA (0546, 11 Sep, poor).

ECUADOR

- 4680 0340 HCWE1-R Nacional Espejo, Quito: Sp w/local mx & several anmts (fair 17 Sep; Redman-IL)
- 47304 0340 HCEH3-R Progreso, Loja: Sp w/Andean mx & ID "Transmite Radio Progreso"; noisy (fair 25 Sep; Patterson-GA). (CRP: Listed on 4775 kcs but not there).
- 4765 0455 HCAJ2-C, R, E, Guayaquil: Sp w/closing followed by "what I believe was the national anthem of Ecuador" (very good 11 Sep; Lovell-KY). Zilmer-WI(1110, 1 Oct, fair); Hardester-CA(1038, 24 Sep, fair); Redman-IL(0430, 30 Sep, exec).
- 4794 0400 HCA54-LV Caras, Bahia de Caraquez: Sp w/fiesta mx & ID; abrupt s/off 0520 w/no ID (fair 19 Sep; Sparks-CA)
- 4824.5 0500 HCAV3-R Luz y Vida, Loja: Sp w/request mx (qual? 10 Sep; Wood-LA)
- 4810 0445 HCRFA-Canal Llanabita, Portoviejo: Sp w/pop mx & ID; s/off 0500 (fair 21 Sep; Sparks-CA)
- 4910 0320 HCLJ1-Oris Gran Colombia, Quito: Sp w/nat & internat nx; many mentions "Gran Colombia" (fair 10 Oct; Patterson-GA).
- 4923 0310 HCRQ1-R Quito: Sp w/LA mx, nx & ID (fair 27 Sep; Zilmer-WI). Miller-OH(0237, 2 Oct, fair).

EL SALVADOR

- 5980 0300 YSS-R Nac de El Salvador, San Salvador: Sp w/classical mx; good ID (fair ? 3 Oct; Marks-OR). Zilmer-WI(0310, 24 Sep, fair).
- 9553A 0015 YSS-R Nac de El Salvador: Sp w/ID & LA mx (fair 1 Oct; Zilmer-WI). Schwartzmyer-NY(0000, 7 Oct, good/fair); Lanoue-LA(0445, 26 Sep, good).

FRENCH GUIANA

3385 0937

ORTF Cayenne: Fr w/talk mentioning Journal Parle, relay fr Paris; folk mx (fair 22 Sep; Hauser-TX)GUATEMALA

3325 1107

TGBA-R Maya, Berillas: Sp w/band & rel mx & Eng ID (fair/poor 3 Oct; Miller-OH). Zabransky-IL (1100, 13 Sep, poor); RW Perry (0100, 19 Sep, fair/good); Zilmer-WI (1125, 6 Oct, poor).

3360 1100

TGVN-LV Nahuala: Sp w/ID & marimba mx (poor 6 Oct; Zilmer-WI)

3380 0240

TGCH-R Chortis, Jocotan: Sp w/singing, frequent IDs & talks (fair 6 Oct; Bruns-MO). Zilmer-WI (1115, 6 Oct, poor)

5955 0320

TGWA-R Cultural, Guatemala City: Eng w/rel choral mx & ID; "under much noise" (poor? 19 Sep; Marks-OR).

6179.3 2350

TGWB-R Nacional, Guatemala City: Sp w/Swiss yodel mx & ID; het; slightly off frequency (fair 23 Sep; Hauser-TX)

9505 1415

TGNB-R Cultural, Guatemala City: Sp w/rel talk by man & woman; very abrupt s/off at 1415 w/no warning; just cut carrier (qual? 6 Sep; Slosman-NY). Marks-OR (1250, 29 Sep, qual?); Brooks-NH (1235, 6 Oct, fair).GUYANA

3265 0905

GBC-R Demarara, Georgetown: Eng w/Hindi mx; CW & jammer QRM (poor 21 Sep; Zabransky-IL). RW Perry-IL (0920, 25 Sep, good).

3290 0944

GBS-Action Radio, Georgetown: Eng w/ID, washing machine coml, TC for 6 AM, local & world mx (fair 22 Sep; Hauser-TX). Lovell-KY (0439, 26 Sep, fair); Whitehead-MA (0150, 30 Sep, poor/barely usable); RWPerry-IL (0845, 25 Sep, very good).HAITI

6195 1121

4VHW-R Haiti, Port-au-Prince: Fr w/rock & roll mx (fair 2 Oct; Miller-OH). (CR: Not Creole?)

9770 0020

4VEH-R Stn 4VEH, Cap-Haitien: Eng w/rel prgr followed by mx (poor 14 Sep; Betz-CO).

11835 1330

4VEJ-R Stn 4VEH: Eng w/"The Family Halter of the Air" (good 21 Sep; Shaw-PA). Schmuck-IL (0038, date ?, fair/good).

15280 2357

4VWI-R Stn 4VEH: Eng w/ID at 0000 & rel talk to 0005 f/out (poor 24 Sep; Rogers-England). Redman-IL (1102, 23 Sep, fair)HONDURAS

4820 0334

HRVC-LV Evangelica, Tegucigalpa: Eng w/"Your Worship Hour" (good 27 Sep; Slade-MA). Zilmer-WI (0300, 28 Sep, fair); Redman-IL (0400, 15 Sep, good); Betz-CO (0450, 15 Sep, fair); Hardester-CA (1120, 26 Sep, fair); Day-CA (0358, 12 Sep, fair).

4890 0424

HRVL-R Lux, Olanchito: Sp w/recent US & LA pops; full ID & off at 0424 (good 18 Sep; RWPerry-IL)

4920 1056

HRPL-R Progreso, El Progreso: Sp w/mx much like Mexican ranchera mx; many mentions of "El Progreso" (fair 5 Oct; Patterson-GA)

5875 0330

HRN-LV Honduras, Tegucigalpa: Sp w/talks on football, comls, ID "La Voz de Honduras, H R N, la primera voz informacion"; abrupt s/off 0400 $\frac{1}{2}$  (fair 26 Sep; Lanoue-MA). Shaw-VA (0250, 3 Oct, "well hrd").MEXICO

6045 0400

XEXQOC-R Universidad Nac Potosina, San Luis Potosi: Sp w/long & lovely classical mx; no comls (very good 6 Oct; Caldwell-CA).

6090 0210

XECMT-Rdifa XECM/XECMT, Ciudad Liente: Sp w/LA mx; heavy QRM fr R Luxembourg (poor 25 Sep; Doherty-CA)

6105 0510

XECMT-Sistema R Yucatan, Merida: Sp w/mx (good 1 Oct; Caldwell-CA)

6140 0515

XERUU-R Universidad de Chihuahua: Sp w/lovely music (good 30 Sep; Caldwell-CA)

6165 0500

XEWV-LV America Latina, Mexico, DF: Sp w/nx, comls, mx, comls in Eng, followed by SP (good 2 Oct; Caldwell-CA). RW Perry-IL (0520, 23 Sep, "ear-blasting" level); Day-CA (0540, 15 Sep, v gud).

9515 0530

XEWV-LV America Latina: Sp w/mx; bad QRM (fair 1 Oct; Caldwell-CA)

9545 0100

XEPT-LV Veracruz: Sp w/local ads (qual? 28 Sep; Wood-LA)

11880 2120

XERH-R Tricolor, Mexico, DF: Sp w/many singing IDs "Radio Tricolor" & charro mx; "noted active for first time since March ...but not since" (qual? 28 Sep; Wood-LA). (CR: Radio Tricolor is fairly recent slogan change fr "R Dif. Comerciales").



## NETHERLANDS ANTILLES

9625 0330 R Nederland Relay, Bonaire: Dutch w/test to NA one night only - 0330 s/on; next night back on usual 9575 (qual? 8 Sep; Wood-LA).

## PERU

4815 0430 OAX8X-R Amazonas, Iquitos: Sp w/pop mx & complete ID (fair 21 Sep; Sparks-CA)

4840 0445 (T)OXB5E-R Andahuayalas: Sp w/Peruvian mx, festival mx, ID 0456 (muffled), ID again 0600, seemingly just as "Radio Andahuayala"; hrd again 1030 recheck; on 9/27 & 9/29, str: hrd givin' IDs that sounded like "M. Rolano" and "R. B. uemara". Nothing but extreme QRN/QRM on rechecks on 10/3 & 10/4. Any ideas? (poor 26 Sep; Bruns-MO)

4850 0240 OAX8F-R Atlantida, Iquitos: Sp w/no details for period 0240 -0358 s/off w/ID "transmite Radio Atlantida... Atlantida!"; abrupt off; QSL in 9 days confirming new frequency (ex 5182) (fire level 20 Sep; RW Perry-IL). Zabransky-IL (0430, 22 Sep, fair); Sparks-CA (0445, 22 Sep, fair)

4890 0505 CA44R-R San Juan, Tarma: Sp w/Andean mx & complete ID at 0529 s/off (fair 22 Sep; Sparks-CA)

4937 0345 OAX9E-R Tropical, Tarapoto: Sp w/pop mx & complete ID at 0355 s/off (fair 27 Sep; Sparks-CA)

4995 0500 CA44C-R Andina, Huancayo: Sp w/Andean mx & ID (fair 29 Sep; Sparks-CA)

5050 0530 OAX8E-R Loreto, Iquitos: Sp w/pop mx, ID & lots of comls (fair 15 Sep; Sparks-CA)

5970 0700 OBX4Q-R El Sol, Lima: Sp w/"musica moderna"; seems to be into a 24-hr pops & good mx thing; "my favorite Peruvian" (very good 25 Sep; RW Perry-IL). Zabransky-IL (1035, 15 Sep, good).

6120 0703 OAX4Q-R Victoria, Lima: Sp w/bars fr Beethoven's First at s/off (don't confuse w/R Portugul, same tune, same freq) at 0703; "in last month's log, I mentioned logging OAX4Q & hearing many local IDs, mentioning that they sometimes relay Mil.. well, to clear it up, is Radio Union that relays R. Mil medium wave & not Victoria.." (exc 25 Sep; RW Perry-IL).

6345 0215 OCY4H-R Santa Rosa, Lima: Sp w/frequent comls & IDs; bad QRM (fair ?; Caldwell-CA)

6382 0610 OAX4Z-R Nacional, Lima: Sp w/ID & mx; QRM from VOA (poor 8 Sep; Getzel-NY). RW Perry (0150, 13 Sep, v gud); Caldwell-CA (0315, 1 Oct, good).

6095 0536 OAX4H-R Nacional 1080 (Mil Ochenta), Lima: Sp w/Andean mx & ID in passing (fair 27 Sep; Hauser-TX)

6115 0315 OBZ4O-R Union, Lima: Sp w/Herb Alpert records & LA pops; IDed 1st for R Mil (medium wave) & then ID for R Union; "From what I remember about these dudes, they finish relay & broadcast their own program sometime past 0300-0400 G.H.T... anyone confirm" (fairly good 27 Sep; R.W. Perry). Zilmer-WI (1100, 26 Sep, poor)

5562 0740 OAX4R-R Nacional, Lima: Sp w/ballad-type LA mx; occasional IDs "en Lima.. Radio Nacional" (good 14 Sep; Lanoue-MA). Zilmer-WI (1100, 6 Oct, fair).

5625 1055 OAX8K-R Atlantida, Iquitos: Sp w/lively Peruvian mx, Coke comls & many mentions of "Radio Atlantida"; per WRTVH-71, does NOT s/on until 1100 (good 12 Oct; Patterson-GA)

5655 0330 OAX9G-R Nor Peruana, Chachapoyas: Sp w/ID "Desde Chachapoyas, Departamento de Amazonas" (qual ? 25 Sep; Wood-LA)

## VEZUELA

5255 0115 YVQL-LV Tigre, El Tigre: Sp w/Ola hosting quality mx; frequent IDs (qual? 1 Oct; Shaw-VA)

5275 0200 YVL-C-R Lara, Maracaibo: Sp w/mx & ID "Radio Lara, su emisora musical"; comls on the 1/2 hr for Banco de Maracaibo, an orange juice & fruit drink (qual & date; Whitehead-MA).

4770 1005 YVW-R Bolivar, Ciudad Bolivar: Sp w/IDs, ads, jingles (good 29 Sep; RW Perry-IL). Zilmer-WI (0010, 30 Sep, fair); Redman-IL (0355, 15 Sep, fair)

4780 0511 YVLA-LV Carabobo, Valencia: Sp w/many IDs & LA mx (poor 16 Sep; Day-CA). Lanoue-MA (0255, 25 Sep, fair); Redman-IL (0530, 30 Sep, exc); Patterson-GA (0440, 19 Sep, fair).

4810 0345 YVL-G-R popular, Maracaibo: Sp w/mx & IDs; s/off at 0400 (poor/fair 17 Sep; Day-CA). Zilmer-WI (0025, 30 Sep, fair)

VENEZUELA (cont'd)	
4840	0222 <u>YVQI-R Valera</u> : Sp w/typical LA fare; ID 0222(fair 18 Sep; RW Perry-IL)
4880	0320 <u>YVMS-R Universo, Barquisimeto</u> : Sp w/LA mx & ID(fair 27 Sep; Zilmer-WI)
4890	0320 <u>YVKB-R Rifa, Caracas</u> : Sp w/NA pops & LA mx; ID as "Caracas, Radiodifusora Venezuela"(fair 9 Oct; Schwartzmyer-IY). Zilmer-WI(0315, 27 Sep, fair); Day-CA(0337, 22 Sep, fair); Redman-IL(0345, 30 Sep, exc); aWPerry-IL(0404, 19 Sep, good).
4900.5	0949 <u>YVHK-R Juventud, Barquisimeto</u> : Sp w/instrumental mx, TOW, ads for Banco de Lara & ID "Radio Juventud"(good 25 Sep; Hardester-CA). Bruns-WO(0315, 26 Sep, good); Zilmer-WI(0300, 27 Sep, fair).
4920	0515 <u>YVkr-R Caracas</u> : Sp w/NA rock mx & unique IDs "Transmite... (pause, then sound of a multitude of giggling women).... Radio Caracas"(good 13 Sep; RW Perry-IL). Lanoue-MA(0805, 14 Sep, good).
4940	0110 <u>YVPA-R Yaracuy, San Felipe</u> : Sp w/pop mx(fair 9 Oct; Rogers-England). Getzel-NY(1013, 6 Oct, fair).
4970	0115 <u>YVNL-R Rumbos, Caracas</u> : Sp w/NA pop tunes, ads & ID at 0122 (good 9 Oct; Rogers-England). Wood-LA(0502 s/off rather than 0400, 17 Sep, qual?); Zilmer-WI(0330, 22 Sep, fair).
4980	2358 <u>YVOC-Ecos del Torbes, San Cristobal</u> : Sp w/LA mx(fair/good 8 Oct; Rogers-England). Schwartzmyer-NY(0220, 9 Oct, very good); Zilmer-WI(0330, 22 Sep, fair).
4990	0223 <u>YVMQ-R Barquisimeto</u> : Sp w/NA pops sung in Eng; few IDs (poor 26 Sep; Bruns-MO). Zilmer-WI(0245, 29 Sep, fair).
5020	0330 <u>YVKO-R Nacional, Caracas</u> : Sp w/ID & LA mx(fair 25 Sep; Zilmer-WI)
5030	2345 <u>YVKM-R Continente, Caracas</u> : Sp w/talks, mx & ID at 2359 (poor 2 Oct; Rogers-England). Zilmer-WI(0330, 25 Sep, fair); Day-CA(0425, 14 Sep, poor/fair); Messick-CA(0350, 9 Oct, poor); Schwartzmyer-NY(0230, 7 Oct, poor/fair); Hardester-CA(0410, 25 Sep, good).
5050	1005 <u>YVKD-R Mundial, Caracas</u> : Sp w/"commentaria social" & slow LA pops; "Please note--report of this last month was apparently mistake--wasn't even conscious of sending Mundial as 5030--far as I know, Continente has been there as far as I recall.. chalk it up as a typo! Sorry!! Meant 5050!!! Please clear me!!!"(exc-date?; RW Perry-IL). (CRP: OK, Ralph, 'nuff said).
6030	0545 <u>YVWM-Escuelas Radiofonicas, Caracas</u> : Sp w/mx & ID at 0600 (poor 1 Oct; Getzel-NY)
6065	0610 <u>YVQA-R Sucre, Cumana</u> : Sp -"on new freq. & on with late prog. of pop mx & lots of ID for R. Sucre, Cumana; not heard on regular 4960"(19 Sep; Sparks-CA). (CRP: Any better there, Bill?)
6070	0030 <u>YVSR-R San Sebastian, San Cristobal</u> : Sp w/LA mx & lots of ads (fair 9 Oct; Rogers-England). Hauser-TX(1140, 28 Sep, poor); Zilmer-WI(0200, 27 Sep, fair).
6120	0900 <u>YVXS-R Angostura, Ciudad Bolivar</u> : Sp w/occasional mx(about 3 items in 1/2 hr), comls including one for "El Mundo Merrioso de Mickey Mouse" in the progr "Este Sabado en Angostura"; het present-but clear(fair 25 Sep; Whitehead-MA). Zabransky-IL(0930, 17 Sep, fair)
6170	0353 <u>YVKG-R Nacional, Caracas</u> : Sp w/end nx summ, 5-min operatic vocal march; 0358 brief s/off annt, anthem; 0401 off as coincidental jamming increased(good 25 Sep; Hauser-TX)
9510	0010 <u>YVXJ-R Barquisimeto</u> : Sp w/LA mx & frequent IDs(good 9 Oct; Rogers-England); Zilmer-WI(0000, 27 Sep, good); Doherty-CA(2300, 25 Sep, good); Brooks-NH(1230, 8 Oct, good).
9570	0530 <u>YVOM-R San Cristobal</u> : Sp w/LA pop mx(exc 1 Oct; Caldwell-CA)
9660	1055 <u>YVLM-R Rumbos, Caracas</u> : Sp w/anmts & chimes, comls, mx(good 22 Sep; Lanoue-MA). Getzel-NY(1035, 28 Sep, good); Whitehead-MA(0950, 2 Oct, fair); Caldwell-CA(0400, 2 Oct, exc); Doherty-CA(1000, 25 Sep, very good); Zilmer-WI(1115, 6 Oct, fair).
9755	1201 <u>YVOS-R Occidente, Tovar</u> : Sp w/talk, pop mx, frequent IDs; WRTH lists 9750(good 7 Oct; d'Adolf-MA).
WINDWARD ISLANDS	
3300	0200 <u>WIBS, St. George's, Grenada</u> : Eng w/nx & s/off at 0210(qual ? 17 Sep; Wood-LA). Hauser-TX(0124, 2 Oct, fair)

WINDWARD ISLANDS(cont'd)

- 5015 2300 WIBS: Eng w/nx at fade-in, till 2315; something under WIBS, noted at 2245, providing heterodyne; s/off 2302 after anthem; Mexico (Angola) reported in Europe here; nothing definite yet (fair 22 Sep; RW Ferry-IL). Getzel-NY (2250, 5 Oct, poor); Zilmer-WI (2345, 3 Oct, fair).
- 11975 0205 WIBS: Eng w/news & prayer (fair/poor-date ?; Schmuck-IL). Lanoue-LA (0100, 21 Sep, fair); Wood-LA (0100, 28 Sep, qual ?); Thorne-CA (0120, 26 Sep, fair); Koutnik-KS (0038, 27 Sep, fair).
- 15100 2355 WIBS: Eng w/local nx & mx (poor 14 Sep; Betz-CO). Zilmer-WI (1915, 3 Oct, fair).
- 21690 2100 WIBS: Eng w/music & coml (good 30 Sep; Zilmer-WI). Shaw-PA (2030, 21 Sep, good).

UNIDENTIFIED-Colombian

- 5336.7 Unidentified hrd 25 Sep & 2 Oct with poor signals each time and many mentions of "desde Colombia", but no solid ID hrd. Hrd 0130 to s/off of 0208 (plus or minus 1 minute). ID for shortwave & medium wave but IDs & freqs too weak to hear. Man & woman anons & instrumental mx. Would appreciate help fr members (Hardester-CA).

CLINDESTINE

- 5725 — English numbers station, 4-digit, by mechanical lady. Msg consisted of 165 groups, announced as "Count--165" (fair; Hauser-TX)
- 7005 1415 "Sp w/OM/politico-military discourse; martial mx background; suspect is R de Luego, V of Free Cuba; very good level this AM; also has been hrd 6750 (26 Sep; Shaw-VA)
- 7019 1123 "Sunday 3/10 at 1123 vy weak, apparently interview in SP and not a ham station; off abruptly at 1133; hvy CW QRM. Berg-hammer (NASWA, Oct) reports this as La Voz de Cuba Libre SINPO 11431 (Hauser-TX)
- 12125A 2045 R Euzkadi: Sp w/commentary; ID as "Vasca"?; several closing slogans; QRM-jammer; s/off 2100 (poor 6 Oct; Brooks-NA)

C R E D I T S

Mil gracias to the following hombres for the fine data fr which this column was compiled: George BETZ, Denver, Colo.; Alan BROOKS, Portsmouth, NH; Ron BRUNS, Ferguson, Mo.; H. Robert BUNDY, Truk, Caroline Islands; Dr. Bill CALDWELL, Los Angeles, Calif.; Steve D'ADOLF, Woburn, Mass.; Edward DAY, Grass Valley, Calif.; Jack DOHERTY, Santa Barbara, Calif.; Arthur GETZEL, Flushing, NY; Mike HARDESTER, Molesto, Calif.; Glenn HAUSER, Kelly AFB, Texas; Dr. Paul KOUTNIK, Shawnee, Kans.; Ron LANOUE, North Adams, Mass.; Jim LOVELL, Louisville, Ky.; Tim MESSICK, Santa Barbara, Calif.; Anthony MARKS, La Grande, Ore.; Albert A. MILLER, Jr., Youngstown, Ohio; Ralph W. PERRY, Champaign, Ill.; Ron REDMAN, Decatur, Ill.; John ROGERS, London, England; Jim SCHMUCK, Miles, Ill.; Paul R. SCHWARTZMYER, West Seneca, NY; Edward C. SHAW, Norfolk, Va.; William W. SHAW, Drexel Hill, Penna.; Henry SLADE, Bedford, Mass.; Everett L. SLOMAN, Endicott, NY; Bill SPARKS, San Francisco, Calif.; Dave THORNE, Santa Ana, Calif.; Jim WHITEHEAD, Reading, Mass.; Jack WIDNER, Indianapolis, Ind.; Dr. Richard E. WOOD, Baton Rouge, La.; Robert ZILMER, Milwaukee, Wisc.; Jim ZABRANSKY, Jr., Elmhurst, Ill.; & Pat PATTERSON, Decatur, Ga.

To Wendell BENEDETTI of Los Angeles: Sorry, Wendell, your report arrived when I was about through with the column and could not be used. You West Coasters had better allow about 4 days air mail to me (and my successor if he lives east of the Mississippi).

Ani that, amigos mios, is it for the next-to-the last effort by your ole' Chief Editor of SWBC DX. Trust you all will make my column for Dec/71, my last one, a BIG one. Everyone likes to go out in a blaze of glory, or so I've been told.

*Ed*  
CRPatterson.

# SWBC DX - Europe / Africa

Steven P. d'Adolf  
16 Westgate Drive  
Apt. 201  
Woburn, MA 01801  
U.S.A.

Frequencies are in khz\*\*\*Deadline: 15th of the month\*\*\*\*\*Times are in GMT

## Europe

### ALBANIA

6200 0345 R. Tirana: mx, cmtry, s/off in Eng at 0400 (good 9/17; Shaw-PA)  
7090 0500 R. Tirana: s/on with Rumanian lang (9/17; Wood-LA)  
7300 0210 R. Tirana: talk in Arabic, mx, anthem @ 0220, two trumpet  
IS until 0227, Eng ID and nx, ID @ 0247, sched at 0254  
(exc 10/7; Mappin-WA);(0500; Ferguson-WV)  
9780 ???? R. Tirana: Eng NA Ser (fair to good 9/27; Schwartzmyer-NY)  
11855 2300 R. Peking, Tirana: s/on and relay to LA in Sp (9/7; Wood-LA)

### AUSTRIA

6155 0300 ORF, Vienna: "lovely music", Eng/Ger anmts (good 10/4; Shaw-PA)  
7180 2145 ORF: Classical mx, sched 2000-2200 (Ferguson-WV)  
7250 0435 ORF: Ger program, move from 7245 (Ferguson-WV)  
9645 2300 ORF: s/on w/IS into 4 lingo ID then Ger nx (good; Shaw-VA)  
9770 0040 ORF: Eng w/"Report from Austria" then Sp (fair 9/28; Betz-CO)  
11715 2030 ORF: IS, German program (9/23; Marks-OR)

### AZORES

4865 2210 Emissor Regional: Classical mx, Inst pop mx, ID @ 2259  
followed by anthem, s/off. Surprisingly good for listed 1kw,  
QSL received for above logging does not list power (good 9/18;  
d'Adolf-MA);(fair 2020, 9/13; Rogers-England)

### BELGIUM

9600 2330 RTB, Brussels: IS, multi-lingo ID (exc 9/28; Shaw-VA)  
11875 2305 RTB: Eng w/"Belgium Speaking" (fair 10/6; Zilmer-WI)

### BULGARIA

9700 0000 R. Sofia: Nx, mx (good 9/24; Slade-MA) Language? SPD  
(fair to good 1930, 9/25; Miller-OH)

### CZECHOSLOVAKIA

7345 0300 R. Prague: nx, cmtry, mx, mail bag (v. good 10/6; Ellsworth-  
CA);(good 0340, 9/24; Shaw-PA)  
9540 0145 R. Prague: talk in Eng, mx, mailbag (good 9/22; Stephenson-  
CA);(good 0400, 9/22; Shaw-PA)  
9630 0130 R. Prague: Eng ser to NA (fair 9/24; Zilmer-WI)

### DENMARK

15165 2100 R. Denmark: Eng ID then into Danish (poor 9/26; Lovell-KY)

### FINLAND

15185 1815 FBC, Helsinki: Eng w/"Question Box" (poor 10/10; Betz-CO)

### FRANCE

15295 2015 ORTF, Allouis: "Paris Calling Africa" in Eng (poor 10/3;  
Zilmer-WI);(2015, Ferguson-WV);(good 2015, 10/5; Brooks-NH);  
(good 2030, 9/24; Shaw-PA)  
17720 2000 ORTF: Fr until 2015 then Eng nx, IS (fair 9/30; Marks-OR);  
(good 2015, 9/21; Shaw-PA);(fair 2015, 10/3; Zilmer-WI)

### GERMANY, EAST

6080 2300 RBl, Berlin: s/on in Eng to Europe (9/7; Wood-LA)  
7185t 0348 GDR Home Service, Berlin: Believe the E. German tx at  
Konigswusterhausen, noted w/piano mx @ 0348 under BBC. BBC  
IS began at 0350, Ger talk noted underneath at 0351.  
(Ferguson-WV)  
9620 0045 RBl, Berlin: Ger to LA, Port @ 0130 (9/17; Wood-LA)  
9630 0500 RBl: ID, Ger talk (very good; Mappin-WA)

GREAT BRITIAN

3952 0355 BBC: Eng mx, Polish nx at 0400 (fair 10/1; Getzel-NY)

GREECE

6345 0440 PBS, Athens: martial mx, IS at 0500, ID, pleasant surprise as not heard here in two years (poor 10/3; Shaw-VA)  
11960 1740 VOA, Thessaloniki: E. Eur lang prog (Ferguson-WV)

HOLLAND

6020 2235 R. Nederland: Happy Station Program in Sp and Eng (fair 9/26; Zilmer-WI);(good 0125, 10/6; Marks-OR)  
7275 0800 R. Nederland: IS followed by Dutch Ser (poor 9/30; Shaw-VA)

HUNGARY

6175 0400 R. Budapest: Eng ser to 0430 (Ferguson-WV)  
9833 0118 R. Budapest: Eng nx and mailbag (poor/fair 9/22; Stephenson-CA);(poor/unusable 0400, 9/22; Koutnik-KS);(fair 2140, 10/2; Schwartzmyer-NY)

INTERNATIONAL WATERS

6205 0008 R. Nordsee International: Eng mx, TC, freq and ID (poor 10/6; Slade-MA);(0455, 9/17; Wood-LA)  
6935 1845 RNI: Eng pop mx, extreme jamming (poor 10/6; Brooks-NH)

ITALY

6575 0100 RAI, Rome: European nx in Eng (fair 9/22; Stephenson-CA) Norm, I haven't seen them reported on 9590. SPD  
11810 0030 RAI, Rome: Sp? w/mx to 0100 then Eng (fair 9/20; Marks-OR); (good 0100, 9/29; Zilmer-WI);(good 2340, 10/7; Mappin-WA)

LUXEMBOURG

6090 0150 R. Luxembourg: pop mx, nx flashes, QRM from XECMT (poor 9/25; Doherty-CA);(poor 0200, 9/24; Stephenson-CA)

MONACO

6290 0700 Trans World Radio: Rel prog in Eng (fair to good 9/17; Betz-CO);(exc 0655, 10/7; Brooks-NH) Alan, I don't know how you can stay awake at that hour. I haven't been able to keep my eyes open past 0300. SPD  
11700 1825 TWR: music box IS, Eng ID, into Armenian (fair 10/2; Miller-OH)  
11920 1715 TWR: religious messages in Norwegian 1715-1730, Latvian 1730-1745 and English ID's at 1730 and 1745 (good 10/6; Brooks-NH)

NORWAY

3550 0300 R. Norway: s/on w/mixed Norw & Eng (9/30; Wood-LA);(good 0224, 9/29; Stephenson-CA)  
3645 0415 R. Norway: Eng ser to WI and NA (fair/poor 9/20; Koutnik-KS)  
17825 1400 R. Norway: Eng "Norway This Week" //21730 (good 9/26; Zilmer-WI)

PORTUGAL

5025 0400 R. Portugal: Eng nx, mx (good 9/22; Shaw-PA)  
7165 0400 Radio Free Europe, Lisbon: s/on for Czech/Slovak Ser, then jammed (Ferguson-WV)  
7285 0345 DW, Sines: Rumanian till 0415, Bulgarian till 0445(Ferguson-WV)  
9670 1930 IBRA Radio, via Trans Europe: Sermon, announced QTH as Lisbon (fair 10/2; Miller-OH) English language.  
21495 1900 R. Portugal: Eng Press Review (good 10/3; Zilmer-WI)

RSPSR, EUROPEAN

5940 0320 R. Magadan: jazz mx, IS at 0329 (poor 9/28; Perry-IL)  
7205 0050 R. Kiev via Moscow: Eng prog, Rus at 0350 (Ferguson-WV)  
7240 0430 R. Moscow, Tula: English prog (fair; Ferguson-WV)  
9375 0659 R. Moscow (list): Mayak prog, 0659 IS after concert, nx (good 9/26; Hauser-TX)  
9610 2257 R. Vilnius via Moscow: Eng prog, clear until closing at 2257 giving typically rounded frequencies, when QRM came from DW et al (fair 9/17; Hauser-TX)  
9800 1925 R. Moscow: African native monotonous chant w/plunked instr. accompaniment. OM w/Afro-FF accent fol by Cora type IS. Silence at 1927 fol by R. Moscow IS on same carrier.(Shaw-VA)  
14860 1745 Radiostantzia Rodina: Rus talk, mx, ID (Good 10/7;Getzel-NY)

SICILY

7175 0445 RAI, Caltanissetta (list): Ital talk, soft mx (Ferguson-WV)

SPAIN

11775 0222 RNE: Sp mx, talk. One of the new freq's.(exc 9/29; Miller-OH)

SWEDEN

11705 0340 R. Sweden: Eng cmtry, SCDX (10/13; Koutnik-KS);(poor 1830, 9/25; Zilmer-WI);(good 0330, 10/5; Marks-OR)

11825 0045 R. Sweden: Eng to ECNA, SCDX (good 9/28; Slade-MA);(poor 0200, Ferguson-WV);(fair 0200, 9/22; Zilmer-WI)

Bill Stevens reports that R. Sweden just announced new freq's for the ECNA in effect from 9/13. The old freq's have been discontinued because of severe QRM. 1400-1530 on 21505 replacing 21625, 0000-0230 on 6175 replacing 11825. 6175 will also be used during the Winter. (Bill, Hank Slade reports them still on 11825 on 9/28. SPD)

SWITZERLAND

7210 0559 International Committee of the Red Cross, Geneva: IS, ID, talk about Red Cross, requests reports (more transmissions in Nov.; see WRTH)(good 9/20; Zabransky-IL)

## Africa

ALGERIA

15420t 1630 RTA, Algiers (tent): ME mx w/o interruptions to 1659 and possible ID, carrier off at 1700, under BBC. This sta was ID'd by BBC Tatsfield as Algeria (poor 10/2; d'Adolf-MA)

ANGOLA

6175t 2259 A Voz de Angola (tent): Port station mixing w/RTM and R. Nac. Venez; African mx and s/off @ 2259 w/A Portuguesa (poor 9/27; Perry-IL)

7215 0506 R. Ecclesia: gongs, pop mx, Port talks (fair 9/17;Zabransky-IL)

9535t 0500 Emissora Oficial, Luanda (tent): Port. heard and format of African rhythms (poor; Shaw-VA)

9660 0600 A Voz de Angola: Afr mx, Port talk (9/27; Wood-LA)

11875 0800 Emissora Oficial, Luanda: Port talk on Luanda (9/5; Wood-LA)

BOTSWANA

4845 0400 R. Botswana, Gaberones: s/on w/Eng anmts, much QRM (poor 9/20; Perry-IL)

CAMEROUN

4972.5 2210 R. Yaoundé: Classical mx, Fr and Native vocals, anthem @ 2259 and carrier off @2300 (fair/good 9/26; d'Adolf-MA);(fair 2240, 9/18 and 9/19; Perry-IL)

5010 0452 R. Garoua: tone, IS, ID in Fr as "Ici la Radiodiffusion de la République Fédérale du Cameroun, station regional de Garoua", anthem, program summary and chants (fair 9/27; Hauser-TX); (fair 0500; Ferguson-WV);(fair 2122, 9/26; d'Adolf-MA)

CANARY IS.

11800 0015 RNE: Sp talks, Sp mx (good 9/21; Lanoue-MA)

CAPE VERDE IS.

3883 2249 R. Clube Cabo Verde: woman singer, heavy ARO interference (barely audible 10/12; Boomer-GA) Bruce, is this a definite or a tentative? SPD

CENTRAL AFRICAN REPUBLIC

5038a 2215 RNC, Bangui: Fr and native mx (fair 10/4; Zilmer-WI);(weak 0500; Ferguson-WV);(fair 0446, 9/27; Hauser-TX);(fair 2220, 9/18; Perry-IL)

CHAD

4904 2230 R. Nat. Tchadienne, Ft Lamy: Nat mx, Fr talk, s/off w/anthem at 2302 (poor 10/9; Zabransky-IL);(poor, 2200, gone before s/off; Shaw-VA);(poor 2041, 10/16, under RTTY and gone before s/off; d'Adolf-MA)

COMORO IS.  
72604 0415

ORTF, Moroni (tent): Fr from 0415 when BBC s/off their Sp ser to SA. Audible w/vocal mx for about 3-7 minutes, until the hams realize there is a relatively open channel. According to Earle Hall; sched to 0430. On latest checks, there is yet another station in there, signing on just prior to 0430, and seemingly running Fr- so don't confuse (Ferguson-WV)

CONGO (DEMOCRATIC REPUBLIC)

11866 0425 R. Lubumbashi: Congo mx, Fr and Local lang talks (strong-Ferguson-WV)

CONGO (PEOPLE'S REPUBLIC)

4765 0455 RTVC, Brazzaville: Fr talk, mx, ID @0459 (fair 9/19; Widner-IN); (good 2125, 10/1; d'Adolf-MA)  
4843 0545 RTVC, Pointe Noire Relay: Afr mx, Fr annts, audience noise, talks, ID @ 0545, not heard since indicated date (poor/fair, 9/13; Perry-IL)  
6115 2240 RTVC, Brazzaville: Afr mx (good 9/20; Perry-IL); (Ferguson-WV)  
9715 2115 RTVC, Brazzaville: Nat mx, Fr talks, s/off w/anthem @ 2132, extreme QRM from R. Nederland @ 2125 (poor 9/28; Zabransky-IL)

DAHOMEY

4870 0528 R. Dahomey: mx, Fr nx (poor 9/21; Widner-IN); (good 0525, 9/25; Perry-IL)

GAMBIA

4820 0700 R. Gambia: BBC nx (fair 9/18; Mayo-NY); (fair 0657, 9/20; Widner-IN)

GHANA

4980 0535 GBC, Ejura: // 4915 tho weaker, noted w/hymns @ 0535, ID's and Eng annts, ann'ing for freq's in the "60 and 89 meter bands..." (fair 9/13; Perry-IL)

GUINEA (EQUATORIAL)

4926 2145 R. Bata, Rio Muni: Sp, but not very intelligible Sp that we are all used to - must have been a vernacular, anthem @ 2204 and s/off (good 9/6; Shaw-VA); (very good 0531, 9/13; Perry-IL); (poor 2135, 10/1; d'Adolf-MA)  
6250 0541 R. Santa Isabel, Fernando Poo: Sp ID then Afro-Sp mx (good 9/19; Lovell-KI); (fair 0555, 9/25; Hauser-TX)

GUINEA (PORTUGUESE)

5041 0722 Emissora Oficial, Bissau (presumed): Port talk w/long pauses and bits of mx (poor 9/26; Hauser-TX)

GUINEA (REPUBLIC)

7125 0555 R. Nationale, Conakry: Afro mx, Fr cmtry (fair 10/6; Doherty-CA); (0300; Ferguson-WV)

KENYA

4915 0315 Voice of Kenya, Nairobi: well heard last half of Sept, 0315-past 0345, Swahili prog, pop mx and wild Coca-Cola commercials (great 9/20; Perry-IL); (fair 1645, 10/6; Rogers-England)

LIBERIA

3227 0640 ELWA, Monrovia: Afr chants and freq annts in Eng and lang, internal ser, poor modulation (strong 9/20; Perry-IL)  
3255 2315 ELBC, Monrovia: Eng pop mx, comms (poor; Shaw-VA)  
7175 0725 VOA, Monrovia: Afr mx, Fr cmtry, Eng ID's, s/off 0730 (good 10/6; Doherty-CA)  
1700 2158 VOA, Monrovia: first time I've noted the VOA offband (other than harmonics and feeders). 2158 open carrier, 2159 IS and off; also next day noted carrier on it 2133; 2141 1-sec tone, 2158 IS and ID as "resuming transmission on this freq.", but carrier immediately cut off. Not sked on this freq; evidently doing some kind of test (good 10/3 & 10/3; Hauser-TX)  
1950 0700 ELWA: Eng nx, sermon, Native mx s/off 0730 (good 9/30; Ellsworth-CA)  
15095 2200 ELWA: alt freq for usual 15170, Ar rel prog (9/30; Wood-LA)

MALAWI

3380 0400 R. Malawi: aft K. Chortis s/off w/talk in Eng then lang, ID at 0411, TC, mx, f/out at 0430 (poor 9/11; Berg-MA);(exc 0258, 9/19; Perry-IL);(poor 2000, 9/25; Bundy-Truk);(good 0354, 9/15; Widner-IN)

MALI

5995 0735 R. Mali, Bamako (assumed): chanting mx, OM speaking in short phrases seemed to mention Mali many times, f/out 0758 (poor 10/10; Bundy-Truk);(fair 2230, 10/9; Lanoue-MA);(good 0731, 9/25; Doherty-CA);(good 2230, 9/16 & 9/17; Perry-IL)

MAURITANIA

4850 2110 R. Mauritania: Ar mx, Fr ID at 2130 (fair 9/13; Rogers-England) (good 2110, 9/25; d'Adolf-MA)

9610.5 0800 R. Mauritania: Ar call to prayer (9/5; Wood-LA)

MOROCCO

7225 2254 R-TV Marocaine: Ar chanting (fair 10/12; Boomer-GA)

11735 1815 RTM: Eng nx (good 10/30; Rogers-England)

25880 1334 VOA, Tangier (listed): opera, Eng anmts (poor 9/22; Koutnik-KS)

MOZAMBIQUE

3210 1915 Em. Reg. de Zambesia: Port w/ID as "de Zambesia" by YL at 1916, pop mx (weak, but clear 9/25; Bundy-Truk) If this sta is 250 watts as listed, how come I can't get those 50 kw mw stations?

3265 1930 R. Cl. de Mocambique: "Happy Hour" prog w/ID, TC & freq given in Eng (fair 9/25; Bundy-Truk)

4923 2137 R. Cl. de Mocambique: pop mx, Eng/Afr anmts, 4 gongs on the 1/2 hour, off at 2200 after midnight TC.(poor 9/29; Berg-MA)

11780 0605 R. Cl. de Mocambique: old time US tunes, Eng/Afr anmts (weak 10/6; Doherty-CA)

NIGERIA

3204 2230 NBC, Ibadan: old US mx, better in morning @ 0615 (good 10/3; Shaw-VA)

3396 0530 NBC, Kaduna: vernac chants & drums, much QRM/QRN (poor 10/3; Shaw-VA)

3986 0525 NBC, Lagos: Afr mx, lang talk (Ferguson-WV)

3988 2245 NBC, Lagos: Eng pops, ARO QRM (poor 10/12; Boomer-GA)

4900t 0433 NBC, Enugu (tent): IS, Anthem, ID in Eng, mx, ID @ 0500, nx, "Safari Program", also heard at 2200 w/nx in Eng (fair 9/11; Berg-MA) Ralph Perry reports this is Lagos. Are you sure? NBC stations usually have nx from Lagos on the hour and as a result may ID at that time as Lagos. SPD

4932 0455 NBC, Benin City: pops, church mx, Afr and Eng (fair/poor 9/26; Patterson-GA);(poor 0500, 9/26; Miller-OH);(v. good 0532, 9/13; Perry-IL)

4990 0452 NBC, Lagos: Moslem(?) chants, Afr lang, Eng ID (Ferguson-WV); (fair 0530, 9/13; Perry-IL)

6090 0430 ETV-Kaduna: s/on, drum IS, Eng ID (exc 10/3; Shaw-VA); (//9569, Ferguson-WV);(good 0450, 9/19; Perry-IL)

6143.5 0603 NBC, Calabar: offair relay of Lagos nx in Eng, ID at 0605, recap @ 0609, local ID @ 0610, lt mx (fair 9/25; Hauser-TX); (fair/good 2042, 10/3; Berg-MA) also reported on 6145:(fair 0525, 10/6; Doherty-CA);(fair 0600, 9/17; Perry-IL)

7175 0630 NBC, Lagos: Afr mx, Eng cmtry (fair 10/6; Doherty-CA)

7301 0500 NBC, Enugu: drums, local ID for East Central State B6 Service, local TC (fair/good 9/20; Perry-IL);(0500, Ferguson-WV); also reported on 7302:(poor 0529, 9/24; Zabransky-IL)

RWANDA

7225 0430 DW, Kigali: Eng to 0500 (Ferguson-WV)

SENEGAL

3336 0710 Rdif. du Senegal, Ziguinchor: Fr anmts, Afr pops, Ar chant, cora mx 0710, one day only (poor 9/20; Perry-IL)

6070 2145 Rdif. du Senegal, Ziguinchor: Afr natice mx, QRM from CBC, gone by 2215 (Shaw-VA)



SOUTH AFRICA

\*270 0400 R. RSA: Swahili to E. Afr, 0430 Eng to ME (Ferguson-WV)  
 9650 0600 SABC: TC, Afrikaans nx (9/27; Wood-LA)  
 9680 0500 SABC: Eng nx (9/27; Wood-LA)  
 25790 1515 R. RSA: Gen ser to Afr w/football game and horse race in  
 Eng (fair 9/22; Koutnik-KS); (good 1200, 9/19; Zilmer-WI);  
 (// 21535 @ 1430, 9/26; Wood-LA)

I hope some of you guys were tuned in to R. RSA's DX Corner when they gave a nice plug to SPEEDX on October 20th. SPD

SJDAN

4994 1945 R. Omdurman: Ar mx, talk, s/off w/anthem @ 2101 (fair 9/29; Rogers-England)  
 11835 0330 R. Omdurman: TC, Ar nx (9/29; Wood-LA); (0420; Ferguson-WV)

TJNISIA

11900 R-Tv Tunisienne: Eng nx, cmtry heard again (see last month's SPEEDX), received QSL for report given in last month's SPEEDX. (good 9/25; Doherty-CA)

UGANDA

5026 2106 R. Uganda: end of Eng nx, gave freq, short anthem, off at 2107 (kind of early in the season to be hearing this one) (fair 10/10; Berg-MA)

EX-Calendar

The following holidays might be cause for extended broadcasts from the indicated country:

Nov. 7 & 8th: Revolution Anniversary in the U.S.S.R.  
 Nov. 11: Armistice Day in Belgium and France, Independence Day in Rhodesia  
 Nov. 18: Independence Day in Morocco  
 Nov. 19: Fête de Monaco  
 Nov. 28: Independence Day in Mauritania  
 Dec. 1: Independence Day in Portugal  
 Dec. 5: Constitution Day in the U.S.S.R.

We had a nice turnout this month with 35 reporters: Jerry Berg, Lexington, MA (Heathkit SB-310); Roger Bernstein, Chamblee, GA (Admiral 'All World'); George Betz, Denver, CO (Drake SW-4A); Bruce Boomer, at GA Tech, Atlanta, GA (Collins 75S-3 on loan); Alan W. Brooks, Portsmouth, NH (Realistic DX-150A); Bob Bundy, Truk, Caroline Is (Drake SPR-4, Heathkit SB-310 and Realistic DX-150); Jack Doherty, Santa Barbara, CA (Drake SPR-4); Oliver Ellsworth, Los Angeles, CA (Allied SX-190); Dan Ferguson, Charleston, WV (Heathkit SB-310); Arthur S. Getzel, Flushing, NY (Lafayette HA600A); Glenn Hauser, Von Ormy, TX (Hammarlund HQ-160); Dr. Paul G. Koutnik, Shavnee KS (Knightkit R-195); Ron Lanoue, N. Adams, MA; Mac Leonhardt, Liberty, IN, SB-310); Jim Lovell, Louisville, KY; J. Russ Mappin, Spokane, WA; Anthony Marks, La Grande, OR (Allied SX-190); Paul Mayo, Brooklyn, NY (Heathkit SB-310); Albert A. Miller Jr., Youngstown, OH (National HRO-500); Pat Patterson, Decatur, GA (Hallicrafters SX-99); John Perry, Westchester, IL (Knight Star Roamer); Ralph W. Perry, Champaign, IL (Hallicrafters S-85); John Rogers, London, England (Grundig Satellite 210); Paul R. Schwartzmyer, West Seneca, NY (Realistic DX-150); Edward C. Shaw, Norfolk, VA (SX-71, Allied SX-190); William W. Shaw, Drexel Hill, PA (Drake SPR-4); Hank Slade, Bedford, MA; Norman Stephenson, Long Beach, CA (Hammarlund HQ-180A); William P. Stevens, Jeannette, PA; David W. Thorne, Santa Ana, CA (Drake SW-4A); Jack Widner, Indianapolis, IN (Knightkit Star Roamer); Dr. Richard E. Wood, Baton Rouge, LA (Drake SPR-4); Jim Zabransky Jr, Elmhurst, IL (Heathkit SB-310); Robert R. Zilmer, Milwaukee, WI (Drake SPR-4 & 2-C) and your editor using a Galaxy R-530.

Reports from Roger Bernstein and John Perry arrived as I was typing this page so their loggings are not included. I thought I had problems with a Shaw in VA and a Shaw in PA, now I have two Perry's in the same state. The Perry-IL in this issue is Ralph Perry.

You may have noticed in the listings above that three of our reporters are using either part or full time, the Allied SX-190. Maybe one or all of you can contact the Publisher or Managing Editor to see if SPEEDX can use a report on this new receiver for a future issue. GOOD DX!

Steve

# SWBC DX - Asia / Oceania

H. Robert Bundy Box 114 Truk Caroline Islands 96942 U. S. A.

Frequencies are in kHz Dec deadline: 15 Nov Times are in GMT

-- ASIA --

## BRUNEI

7215 1230 R Brunei: soft-spoken DJ w/old pops, hard rock, & small talk (poor 21 Sep; Perry-IL); Comedy pgm @ 1300 in Eng (heavy QRM 25 Sept; Doherty-CA)

## BURMA

4725 1259 BBS, Rangoon: pgm II, Burmese w/children's song; 1300 Burmese armt & native percussion (fair 22 Sept; Hauser-TX)  
5040 1123 BBS, Rangoon: YL chanting exotic Asian tune (fair 24 Sept; Perry-IL)

## CEYLON

11800 1320 R Ceylon: native lang music w/Eng ID, bad QRM (poor 25 Sept; Doherty-CA)  
15120 1030 R Ceylon: overseas sce w/pop mx, 1045 mx, 1050 "Experiments in Harmony", 1100 "Letters from C.", all in Eng (good 26 Sept; Bundy); S/on Eng TC in IST at 0100 ( 17 Sept & often since; Wood-LA)

## CHINA, P. R.

4960 1219 R Peking: Peking theme, Jap ID at 1219 (fair 30 Sept; Hauser-TX)  
6550 2023 R Peking: talk in Eng on Mao, 2025 s/off armt gave 9965, 11695, & 15030 but no mention of 6550 at times of 1930 & 2030 (fair 25 Sept; Bundy)  
6620 2030 R Peking: National Day celebration recordings (good 1 Oct; Rogers-England)  
7190 1030 R Peking: Chinese pgm (? date?; Ferguson-WV)  
7480 0940 R Peking: Jap sce, YL giving tales of Mao in Jap over background of martial music & celebration sounds // 9965 (both v good 2 Oct; Bundy)  
9960 2230 R Peking: political talk in Russian ( 30 Sept; Wood-LA)  
10723 1014 China Press presumed: YL dict, groups twice in Chi (fair 5 Oct; Hauser-TX)  
11375 2105 R Peking: in unk lang, but believed to be Italian (v poor 2 Oct; Bundy)  
11600 1210 R Peking: YL anmr w/talk on N Korea in Eng ( ? ; Shaw-VA) (This and subsequent loggings of Ed Shaw-VA were made in week of 15-21 Sept.--EB)  
15060 0123 R Peking: Eng talk just before s/off anthem (weak 20 Sept; Marks-OR)  
15095 1215 R Peking: usual propaganda in English (v good 25 Sept; Shaw-PA)  
15113 0000 R Peking: Span s/on to LA //15060 ( 29 Sept; Wood-LA)  
15165 0100 R Peking: Eng s/on to N Amer //15080 ( 2 Oct; Wood-LA)  
15420 0100 R Peking: Cantonese s/on to N America ( 2 Oct; Wood-LA)  
15520 0130 R Peking: Eng nx, Chinese mx & singing (v good 21 Sept; Shaw-PA)  
17795 0130 Peking Home Sce: Mao talk through ABC (10 Sept; Wood-LA) (Drift to 17794 corrected and now no heterodyne to R Australia NA service--Wood)  
17855 0110 R Peking: Eng cmtry on Taiwan (good 4 Oct; Shaw-PA)

## CHINA, REP of (TAIWAN)

7131 0857 WQFC: Jap talk & then mx at 0903 //9685 (fair 2 Oct; Bundy)  
9685 0924 WQFC: //7131 w/Jap sce; freq seemed slightly higher than 9685; bad het QRM (fair 2 Oct; Bundy)  
15125 0250 WQFC: Discourse on Confucious in English (poor 28 Sept; Betz-CO)  
17720 0230 WQFC: until 0320 w/oriental mx, nx, & cmtry on Taiwan in Eng (good 8 Oct; Ellsworth-CA); Eng nx at 0200 (fair 6 Oct; Zilmer-WI)

## CYPRUS

7140 0943 BBC Limassol: end of Persian at 0343 and into Arabic at 0345 (Ferguson-WV)  
9650 0340 BBC, Limassol: IS at 0340 & s/on in Arabic at 0345 ( 29 Sept; Wood-LA)

## DODECANESE ISLANDS

7110 0400 WQV Rhodes: Arabic sce //6015; also Arabic at 0500 ( ? ; Ferguson-WV)

## INDIA

7280 1130 AIR Gauhati(per WRTH): nx in Eng & into lang at 1135 (poor 21 Sept; Bundy)  
11810 1350 AIR Delhi: Eng w/Indian mx to 1400, then R Newsreel, "best ever" (good 4 Oct; McClellan-NM); Eng nx at 1330 (fair 25 Sept; Zilmer); 1405 (fair 25 Sept; Doherty-CA)  
15335 1330 AIR Delhi: Asian nx & cmtry in English (v good 25 Sept; Doherty-CA)

## INDONESIA, CELEBES & MOLUCCAS

3242 0945 RRI, Ambon: Indo mx w/ID by YL at 1001; ute QRM (poor 29 Sept; Bundy)  
4719 1225 RRI, Makassar: singing ads in Indonesia, 1227 RRI-Djakarta ID, mx, 1229 7-8 note IS and ID as Makassar; not heard on 4752, but may be second program (fair 14 Sept; Hauser)  
4839 1248 RRI, Ambon: pop mx including "Puff magic Dragon", Indo anmts; no ID but previously reported as Ambon (good 30 Sept; Hauser-TX)

INDONESIA, C & M (continued)

7139 1040 RRI Ambon: mx and Indonesian talk past 1100 (strong date?; Ferguson-WV)

INDONESIA, JAVA

- 4931t 1728 RRI Surakarta(tent): Indo mx, anmt & tent ID "studio Surakarta", mx selection (anthem?) and off the air at 1731 (fair 13 Oct; Bundy)
- 5047 1150 RRI Jogjakarta: Eng segment around 1150 w/nx, chimes at 1200 and ID (in Eng or Indo?--BB) (good to v good since 21 Sept; Perry-IL); 1217 ID following nx (in Indo?--BB) and then mx (good 30 Sept; Hauser-TX); Severe QRM from R Singapore on 5050 today at 1200 (poor 16 Oct; Bundy)
- 7175t 1050 RRI Djakarta: presumed the one hitting 7174-S Vietnam(tent) (Ferguson-WV)
- 9585t 1324 RRI Djakarta (tent): talk in Asiatic lang--no ID's hrd (fair 6 Oct; Slosman-NY)
- 1179j 1250 RRI Djakarta: Indo-Malayan type talk & music, 1258 mx IS same as hrd on 5047 at 1158, 1300 gongs and then news in Arabic-mentioned UFI (good 16 Oct; Bundy);
- 11795 1257 RRI Djakarta: Arabic w/IS, gongs, & nx, hrd daily (Exc 17 Sept; McClellan)

INDONESIA, WEST IRIAN

6280 1100 RRI Manokwari: marches, ID at 1101 by YL, then mx by Nat King Cole (good 22 Sept; Hauser-TX)

INDONESIA, QTH unknown

- 5492 1320 UNID: vocal mx, Indo anmts, CW QRM on low side; possible ID at 1329, but unreadable (fair 30 Sept; Hauser-TX) (Previously heard by myself in Thailand and others on the West Coast--Hauser)
- 5560 1335 UNID as above; not // to 5492; nx in progress; 1345 anthem-like mx, anmt, then mideast-type mx; 1359 had strange timesig of pair of tones 2 secs apart, mx, and grouped 5 seconds apart; 9 chimes indicating GMT+7h zone, i.e. western Indonesia, ID but not readable (fair 30 Sept; Hauser-TX)

On 15 Oct RRI nx was heard at 1200 until about 1217 parallel on the following frequencies: 3242, 3985, 4719, 4765, 5085, 5987, 6045, and 7139.--Bundy

IRAQ

6155 2230 R Baghdad: home sce w/Moslem chants (strong date?; Ferguson-WV)

ISRAEL

- 7225 2130 IBA: nx in French //9009//9625 (fair 21 Sept; Rogers-England)
- 9009 0400 IBA: OM w/Yiddish talk, slight QRM (good 6 Oct; Mappin-WA); Eng nx at 2115 (good 25 Sept; Zilmer-WI)
- 9625 2100 IBA: nx and then talk by OM & YL about Jewish New Years, s/off 2130 (v good 21 Sept; Shaw-PA); Eng nx at 2115 (fair 25 Sept; Zilmer-WI)

JAPAN

- 6080 1130 NHK Tokyo: Korean to S. E. Asia (fair 3 Oct; Zilmer-WI)
- 7195 1030 NHK Tokyo: Chinese service ( ? ; Ferguson-WV)
- 9560 1435 NHK Tokyo: DJ show in burmese (fair 6 Sept; Slosman-NY)
- 11815 1500 NHK Tokyo: general service in English (poor 16 Sept; Marks-OH)
- 15105 0200 NHK Tokyo: Eng nx to America (fair 22 Sept; Zilmer-WI)
- 15195 2210 NHK Tokyo: English news to Asia (poor 2 Oct; Zilmer-WI)
- 15235 0200 NHK Tokyo: Eng news to N Amer (fair 4 Oct; Zilmer-WI)
- 15300 0100 NHK Tokyo: Eng nx to Europe(?) (gen sce per WRTN--BB) (fair 4 Oct; Zilmer)
- 15445 0040 NHK Tokyo: Eng service to N Amer (fair 4 Oct; Zilmer-WI)
- 17725 0200 NHK Tokyo: Eng sce to N Amer (poor 6 Oct; Zilmer-WI) (//15235?--BB)
- 17785 0000 NHK Tokyo: world nx in gen sce in Eng w/ s/off at 0015 (Do you mean end of transmission or end of Eng segment?--BB) (good 4 Oct; Shaw-PA); (fair 5 Oct; Zilmer-WI)
- 17825 0015 NHK Tokyo: N Amer sce w/DX corner & Asian nx to s/off 0045 (good 4 Oct; Shaw-PA); Nx (in Eng?--BB) at 0225 w/ID and into Span pgm at 0230 (good 11 Oct; Mappin-WA); Same at 0229 (poor 6 Oct; Koutnik-KS); Eng nx & cmtry at 0010 (good 5 Oct; Zilmer-WI)
- 21640 0130 NHK Tokyo: Eng service to N Amer, S Amer, & HI //17785-exc//17725-good //15235-good (exc 30 Sept; McClellan-MH)

KHMER REPUBLIC

6092 1249 R Phnom-Penh, V of ahmere Rep: changing from Fr nx to Eng w/ID (poor 12 Sept; Hauser-TX); Fr at 1100, western &amp; oriental mx, Eng nx at 1245 (strong w/QRM 25 Sept; Doherty-CA); unk SEA lang nx or cmtry at 1025 (good despite jammer 16 Oct; Bundy)

KOREA, NORTH

4701 1200 Pyongyang likely: hrd here at 1200 after OC w/anthem, 1203 YL beginning dictation in Korean, probably numbers (I heard it in Thailand on several frequencies listed for R Pyongyang--Hauser) (poor 5 Oct; Hauser-TX)

KOREA, NORTH (continued)

- 11350 0627 Pyongyang Home Sce: drama in Korean (poor 25 Sept; Hauser-TX)  
 15150 $\frac{1}{2}$  0030 Pyonyang: Korean talk (26 Sept; Wood-LA)  
 16320 0100 Pyonyang: end of Kor bcst, then Span s/on & nx (v good 27 Sept; Lovell)

KOREA, SOUTH

- 15428 $\frac{1}{2}$  0317 WOFK: Eng pgm "Korea in Focus" (good 16 Sept; Hauser-TX)  
 15430 0200 WOFK: s/on to N Amer in Korean ( ? 10 Sept; Wood-LA)  
 (Obviously drifting!--BB)

LAOS

- 6199 1230 LV du Pathet Lao, Sam Neua: going from Viet to Lao w/characteristic theme mx (fair 12 Sept; Hauser-TX); undoubtedly the same w/halting oriental lang at 1250 (fair 14 Oct; Bundy)

LEBANON

- 11955 0130 R Beirut: N Amer sce here ex-nominal 11970 in various languages until 0400 ( 10 Sept; Wood-LA)

MALAYSIA, WEST

- 4985 1239 R Malaysia, Penang: warta berita (That's nx in Malay for we who are not linguists, right Glenn?--BB) (poor 30 Sept; Hauser-TX)  
 7110 1035 R Malaysia, Kajang: mx (Chinese sce--BB) (Ferguson-WV) -- I believe the transmitter site is Kajang, while the studio location is Kuala Lumpur. Can someone verify this? I'll continue to use K.L. until such time as I hear Kajang over the air.--BB  
 7145 1235 R Malaysia, Kuala Lumpur: nx in Malay w/ID at 1240 as "R Mal, K.L." (poor 14 Oct; Bundy)  
 7235 1102 BBC Tebrau: nx in Eng & s/off at 1115 (fair 25 Sept; Miller-OH)  
 9725 0915 BBC Tebrau: s/on & "Press Review" in Eng ( 9 Sept; Wood-LA)  
 11850 0015 BBC Tebrau: Burmese program (fair 26 Sept; Rogers-England)  
 11900 0830 Vo of Malaysia, Kuala Lumpur: in Eng w/beautiful western music, s/off at 0855 (exc 27 Sept; Ellsworth-CA)  
 11955 1740 BBC Tebrau: world sce ( ? ; Ferguson-WV)  
 17860 0000 BBC Tebrau: world service Eng news (29 Sept; Wood-LA); "Eng by Radio" 0030-0045, complete ID at s/off (when?--BB) (good 30 Sept; Miller-OH)

PAKISTAN, EAST

- 11671 2040 R Pakistan, Dacca: OM w/Eng sce giving address for something (?; Shaw-VA) (Tatsfield lists Dacca w/7.5 kw--Shaw)  
 11672 2020 R Pakistan, Dacca (see above): Pakistani? mx w/YL anncr in Eng, 2033 YL w/ID & address for R Pak (arachi given); nx in unID lang at 2035; 2040 YL w/anmt in Eng that cmtry in Urdu would follow and then into Urdu (v poor 2 Oct; Bundy); 1945 Eng ID & nx (poor 21 Sept; Slade-MA)

PAKISTAN, WEST

- 9461 2128 R Pakistan, Karachi: extnl sce Eng nx in progress & abruptly off the air at 2131 w/o s/off anmt (fair 2 Oct; Bundy)  
 17935 1330 R Pakistan, Karachi: slow Eng nx & weird mx (That depends upon the listener!--BB) (fair 22 Sept; Shaw-PA); Same slow Eng news (fair 25 Sept; Miller-OH) and (fair 9 Oct; Lovell-KY)

PHILIPPINES

- 7225 1220 FEBC, Manila: tuned in daily last half of Sept for rlg pgm at 1220, crystal clear Eng ID's at 1230 and then into Malay (good; Perry-IL)  
 Eng rlg pgm from 1200 (good but weak; Shaw-VA); Same (fair 26 Sept; Zilmer)  
 FEBC, Manila: "News of the Islands" (Eng?--BB) (fair 19 Sept; Widner-IN)  
 7230 1145 VOA Poro: in lang ( ? ; Ferguson-WV)  
 9530 1120 VOA Poro: Chinese pgm ( ? ; Ferguson-WV)  
 9555 1115 VOA Poro: Chinese pgm ( ? ; Ferguson-WV)  
 11775 1140 VOA Poro: South East Asia Lang ( ? ; Ferguson-WV)  
 11790 1600 VOA (QTH?--BB): ID in Viet or Chinese (good ? Oct; Mappin-WA)  
 11855 1730 FEBC, Manila: organ mx & rlg pgm (Lang?--BB) (good ? Oct; Mappin-WA)  
 in lang at 1150 ( ? ; Ferguson-WV)  
 11920 1245 FEBC, Manila: Manila calling in Eng (fair 28 Sept; Slade-MA)

RFSFR, ASIATIC

- 5015 1225 Vladivostok: YL in Russian (v good 27 Sept; Perry-IL)  
 5940 0645 R Magadan: Rus anmts & Span songs //7380; 0659 break; 0701 IS & ID by OM & YL "Radiostantsii ? Magadan" (fair 9 Oct; Bundy); Trumpet jazz at 0320 & IS at 0329 (poor 28 Sept; Perry-IL)  
 6050 1400 Irkutsk: Rus talk (strong 16 Sept; Marks-OR) (Anthony, how do you know the QTH of this one?--BB)  
 7210 1050 Vladivostok: Russian (Ferguson-WV) (Dan, how do you determine these  
 7295 1055 R Moscow, Blagoveschensk: Chinese to China (Ferguson) QTH's?--BB)  
 11770 1140 R Moscow, Chita: w/Chinese ( ? ; Ferguson-WV)

RUSSIA, ASIATIC (continued)

- 11815 0000 R Khabarovsk: Russ ID after mandolin IS, some talk, then music; not scheduled in WRTM, but ID definite (weak 7 Oct; Marks-OR)  
 11870 1435 R Moscow, Khabarovsk: Chinese dialect (fair 17 Sept; Slade-MA)  
 17865 0225 R Moscow, Komsomolsk: lang to FE/SEA & s/off 0230 ( ? ; Ferguson)

When reporting Russian stations, please cite your source of information regarding the transmitter ID. For example: WRTM, SPEEDX, the CIA, EADKers, Tatsfield, Charlie L. ... the same request goes for Indonesia and India.--BB

SARAWAK

- 4895 1222 R Malaysia Sarawak: chants; aenyah/kayan per sked (fair 14 Sept; Hauser-TX)  
 4950 1200 R Malaysia Sarawak: Eng nx to 1210 w/ID at 1205; also noted Eng LL at 1130 (fair 21,24 Sept; Perry-IL)  
 7130 1335 R Malaysia di Kuching: chants; 1353 Malay talk; 1356 ID, western dance mx, 1358 ID & talk; new freq perhaps replacing 7145 where an UNID Indo-Malayan stn was audible (see Malaysia--BB) (fair 24 Sept; Hauser-TX)  
 7131 1230 R Malaysia (Sarawak?--BB): YL w/ID & short mx to IS (poor; Shaw-VA)

SINGAPORE

- 5050 1203 R Singapore: Eng cmtry on Sea pollution, moderate to severe QRM from Ndl-5047 and util (fair using USB 16 Oct; Sundry)  
 5052 1130 R Singapore: Eng nx & stock quotes (fair to good 24 Sept; Perry-IL)  
 7240 1530 K Singapore: Malayan w/mx til Vatican s/on 1620 (fair 21 Sept; Rogers-Eng)  
 11940 1340 R Singapore: Eng drama, nx at 1400 (good 25 Sept; Doherty-CA); Nx in Eng at 1530 (v poor 10 Oct; McLellan-NM) (colorful QSL card--Doherty)  
 11955 1225 R Singapore: surprisingly good sig in Cantonese sce (good; Shaw-VA)

TURKEY

- 9515 2010 R Ankara: Turkish w/ME music (strong; Ferguson-WV)  
 11880 0350 R Ankara: IS w/ s/on Turkish 0356 on new frequency ( 4 Sept; Wood-LA); In Turkish 0425 until past 0500 (Ferguson-WV)

VIETNAM, NORTH

- 7395 1115 Tieng Noi NVN, Hanoi: OM & YL w/much mention of Hanoi (good; Shaw-VA)  
 7546 1050 VOV, Hanoi: Sihanouk R pgn tape transcribed til 1055 f/by anthem & then silence til 1100, ID and anmts by OM & YL & NVN anthem ( ; Shaw-VA)  
 9920 1100 VOV Hanoi: YL in all Viet nx best w/taped transcriptions (good; Shaw-VA)

VIETNAM, SOUTH

- 6165 1240 VTVN, Quan Tre: slow songs; seemed on low side but not as low as 6164 (fair 12 Sept; Hauser-TX)  
 7174t 1050 VTVN: presumed to be stn hetting tent RRI-7175 (?; Ferguson-WV)  
 7245 1039 VTVN: Viet? talk & oriental mx to fade out 1102 ( ? 21 Sept; d'Adolf-MA)

YEMEN

- 5804 0300 R Sana'a: Arab anmts, anthem, chants (poor 29 Sept; Hauser-TX); Usual chants at 0340 (Ferguson-WV)

CLANDESTINE & UNIDENTIFIED

- 2609 1139 unID: mx & talk in Indo-Malayan type lang (all 3 of these v v poor  
 2621 1120 unID: like above but not // 15 Oct; Sundry)  
 2637 1143 unID: v weak talk (VUNC off freq?)  
 7470 1130 Liberation R: YL in oriental lang, straight cmtry (good; Shaw-VA)  
 7479 1015 unID, possibly same as next item: stn began to QRM Peking on 7480 in oriental lang which could have been Laotian (v poor 2 Oct; Sundry)  
 7480t 1100 Pathet Lao Radio likely: hrd w/good clarity & listening lvl; YL mentioned Souvanna Phouma in cmtry; probably Lao lingo; 1123 interlude of piano mx resembling "Oh Susannah" (Hi-but it did--Shaw) (good; Shaw-VA)

OCEANIAAUSTRALIA

- 4920 1143 VLN4, ABC Brisbane: pop mx, A&T TC in Eng (Noisy-first time heard since 10 June--Patterson) (fair 25 Sept; Patterson-GA); Nx in Eng at 1114 (poor to fair 18 Sept; Miller-UM)  
 5995 1145 R Australia, Lyndhurst: mx & nx in Eng (fair 28 Sept; Shaw-PA)  
 6090 1100 VLN6, ABC Sydney: Eng nx (fair 22 Sept; Zilmer-WI); barely audible w/talk on abortions u/Russian (lrkutski-6090) & LSB necessary to separate from Cambodia-6092 (v poor 13 Oct; Sundry)  
 6100 1245 R Australia, Darwin: Cantonese to SEA (fair 3 Oct; Zilmer-WI)  
 6140 1215 VLN6, ABC Perth: Eng music (fair 25 Sept; Zilmer-WI)  
 6150 1215 VLN6, ABC Melbourne: Eng music (fair 25 Sept; Zilmer-WI)  
 7185 1300 R Australia, Shepparton: news in Eng (good 25 Sept; Zilmer-WI)  
 7235 1200 R Australia, Shepparton: Indonesian mx to SEA (good 26 Sept; Zilmer-WI)  
 9570 1145 R Australia, Shepparton: Eng music to S Asia (good 26 Sept; Zilmer)

AUSTRALIA (continued)

- 9580 1215 R Australia, Shepparton: editorial cmmt (good, some flutter 24 Sept; Koutnik-KS); News & music in Eng at 1245 (strong 18 Sept; Marks-OR)
- 9590 1145 R Australia, Shepparton: Mandarin w/Eng recordings (good 26 Sept; Zilmer)
- 9610 1300 VLM9, ABC Perth: Eng nx & mx w/better signal than Overseas sct on 9570 at same time (Latter is beamed to SEA, while VLM9 is probably omnidirectional with a higher ERP in direction of Oregon--BB) (date?; Marks-OR)
- 9660 0827 VLO9, ABC Brisbane: horse race coverage & payoffs (good 25 Sept; Hauser)
- 11810 1100 R Australia, Lyndhurst: Eng nx to E Asia (poor 5 Oct; Zilmer-WI) (///--BB)
- 11840 1100 R Australia, Shepparton: Eng nx to S Asia (fair 5 Oct; Zilmer-WI) (///--BB)
- 15295 0015 R Australia, Lyndhurst: Fr to mid Pac isles (fair 24 Sept; Zilmer)
- 15320 0130 R Australia, Shepparton: mx, nx, & cmtry in Eng (good 21 Sept; Zilmer)
- 21740 0100 R Australia, Shepparton: s/on & play about John Faulkner //17795-fair //15320-poor; unusually good as 16 mb usually best (good 21 Sept; Koutnik)

Note from Bob Padula via Glenn Hauser: Eastern Australia will be on summer time of GMT + 11 hours from 31 October to 27 February.

FIJI

- 3230 0940 R Fiji, Suva: anmt & ads in Eng hetting w/RR1 on 3231½ (good 29 Sept; Bundy)
- 3284m 0912 unID (R Fiji, Suva very likely--BB); sounded like Eng w/poor sig & CW QRM, OM & YL anors; vocals like chanting--sounded oriental; may be wrong but IS hrd twice sounding like NBC (of U.S.) w/3 notes--low-high-low; (I was looking for Fiji which I hoped would be on SW for Independence Day, but no //s of Fiji noted--Hardester) (poor 10 Oct; Hardester-CA)

I'm sure this was Fiji in Fijian language. IS consists of about 8 notes but with soft notes lost in QRM would easily sound like 3. Both of the above stns are being hrd daily w/weak but fair sigs until about 1030 and also from about 1800 to 1900. Anybody have anything different? --Bundy

NEW BRITAIN

- 5985 0200 R Rabaal: pgn notes in both Eng & Pid hrd during my lunch hour (poor 11 Oct Bundy) Despite confusing PNG QSL folder I've never hrd this freq//3385. Perhaps they use either freq, w/5985 being used for their mid-day bcst.

NEW CALLEDONIA

- 7170 1045 R Noumea: French pgn til s/off 1102 (Ferguson-WV); Fr & Amer MOR mx at 1030 (poor to fair 25 Sept; Miller-OH); Suspect nx in Fr & IS at 0600, ID as in WRTN (poor 30 Sept; Stephenson-CA)
- 11710 0530 R Noumea: on early for sports meet N Cal vs Australia w/Fr sports ancr (27 Sept; Wood-LA); 2030 w/nice sig in FR, nx & mx (good 21 Sept; Shaw-PA)

NEW GUINEA

- 2410 1112 R Goroka: Island mx on past normal s/off of 1100 (poor 15 Oct; Bundy)
- 3335 1130 R Wewak: completely overriding CHU w/Eng financial nx; earlier w/old pops (good 24 Sept; Perry-IL); Chimes, TC, ID at 1145 (poor 30 Sept; Hauser-TX)

NEW ZEALAND

- 9520 1030 RNZ: very nice pgn in Eng w/tunes from "Sound of Music", C&W mx (fair to good 28 Sept; Shaw-PA)
- 11780 0830 RNZ: pop mx to South Pacific (fair 25 Sept; Doherty-CA)
- 15110 0300 RNZ: Eng w/EBC music transcription (fair 1 Oct; Zilmer-WI)
- 17770 0017 RNZ: Amer MOR music in Eng lang (fair 29 Sept; Miller-OH)

PAPUA

- 3290 1200 R Central Konedobu: still holding prop tests w/mx & occasional Eng ID's off the air abruptly at 1203 (fair 14 Oct; Bundy) Anybody get this yet?
- 3305 1130 R Daru: island ukelele folk mx, anmts in Eng & Pid (good 24 Sept; Perry)
- 3925 1155 VLT3, ABC Pt Moresby: pop music //4980 (good 15 Oct; Bundy)
- 4890 1100 VLT4, ABC Pt Moresby: ABC nx in Eng (poor 23 Sept; Zilmer-WI); Opera mx at 1139 (good 3 Oct; Miller-OH)
- 9520 0715 VLT9, ABC Pt Moresby: pop mx in Eng (fair strength w/QRM 6 Oct; Doherty-CA)

SOLOMON ISLANDS, AUSTRALIAN

- 3322 1132 R Bougainville: 4-tone chimes & clear ID in Pid-Eng, country mx & pleasant programming; best signal in 90 mb ("really fine" 21 Sept; Perry-IL)

TAHITI

- 11825 0400 R Tahiti: Tahitian w/island mx (v good 26 Sept; Shaw-PA); (good at 0315 3 Oct; Zilmer); Tahitian talk & mx at 0400 (v good 28 Sept; Stephenson-CA) (Beautiful music from this station comes in daily--Shaw)
- 15170 0550 R Tahiti: sports nx in Eng by Graham Edan shortly before fade out ( ? 17 Sept; Marks-OR); Eng "Report from Fr Polynesia" 0400-0415-Tues GMT //11824 (? Sept; Wood-LA); 0315 (good 6 Oct; Doherty-CA); 0300 (v good 21 Sept; Shaw-PA); 0525 in Fr (Ferguson-WV)

TAHITI

One last note: As Richard Wood and Dan Ferguson have pointed out, Tahiti's 15 megahertz outlet has stabilized on 15170 after considerable drifting. However this station was observed on Oct 17 at 0200 on the low side of 15170 hetting with the R.P.& P. Chinese service on 15170.

Welcome to 8 reporters new to ASIA/OCEANIA and thanks to 16 faithful supporters who have all helped to make my debut as asst. editor for A/O a most pleasant one!

Steven P d'Adolf	Woburn, Mass	Albert A Miller	Youngstown, Ohio
George Betz	Denver, Colo	"Pat" Patterson	Decatur, Georgia
Jack Doherty	Santa Barbara, Cal	Ralph W. Perry	Champaign, Ill
Oliver Ellsworth	Los Angeles, Cal	John Rogers	London, England
Dan Ferguson	Charleston, W V	Ed Shaw	Norfolk, Virginia
Mike Hardester	Modesto, Cal	William Shaw	Drexel Hill, Penn
Glenn Hauser	Von Ormy, Texas	Henry (Hank) Slade	Bedford, Mass
Dr Paul G Koutnik	Shawnee, Kansas	Everett L Slosman	Endicott, N Y
Jim Lovell	Louisville, Ken	Norman L Stephenson	Long Beach, Cal
Dong McClellan	Alamogordo, N M	Jack Widner	Indianapolis, Ind
J Russ Mappin	Spokane, Wash	Dr. Richard E Wood	Baton Rouge, La
Anthony Marks	La Grande, Ore	Robert Zilmer	Milwaukee, Wis

I also received reports from Alan Brooks, NH and first time (to A/O) reporter Jon Fay, MA but they were too late to be included.

Your reports took from 3 to 8 days to reach me with the average about 4 or 5 days. I suggest that you mail your reports on or before the 10th of the month. Do use airmail (only 11¢) as first class mail tends to be erratic as it flies on a space available basis.

- - - - -

At this point a brief introduction to myself is in order. I'm 27, single, and a math teacher. I've been living and working in Truk for about 5½ years. I was in the Peace Corps for the first two years, but now have a government contract. I've been a dial twister since my junior high school days. However real DX'ing began with my purchase of a Realistic DX-150 3½ years ago. Some 100 countries SW and 40 countries MW were logged during a 1½ year span. Then came a lapse of interest for about 1½ years. Now I'm back in full swing. The present setup includes a Drake SPR-4 and a 75 meter long wire. My DX tastes vary from week to week but in general I enjoy MW and the tropical bands. I haven't been much of a QSL chaser, but have 135 veries from 48 SW countries and 22 countries and 16 states on MW.

This is my first attempt at editing. So I hope you will all bear with me while I learn the "tricks of the trade."

Here are a few DATES to REMEMBER:

Nov 9	Cambodian Independence Day	(from Sept NASWA)
Nov 22	Lebanon Independence Day	(from SPD's Oct column)
Nov 30	South Yemen Independence Day	(from Sept NASWA)

TURKEY Alan Brooks reports that his unidentified station last month (Oct) was R Ankara with a new schedule. The frequency is 17820 with English from 1330 to 1400 and an Indian language from 1400. There is severe QRM from DW broadcasting in Indonesian until 1350.

MALDIVES It was reported over R Australia's DX'ers Calling that R Maldives was heard with English on 4740 from 1515 to 1700. No luck here as there is a horrendous QRM on that frequency.--Bundy

Again thanks to all who have made this column possible!  
Have a happy Turkey day with lots of Pacific DX!

73's

turn on with SPEEDY

BOB

# SWBC DX - Station Skeds

SPEEDY

Robert Butterfield  
38 Hamilton Road  
Belmont, Massachusetts  
02178

SPEEDY

-----  
All times GMT                      Deadline: 15th of the month                      All dates GMT  
-----

## MADAGASCAR

R. Nederland: The new relay station located at Tananarive will begin broadcasting with two 300 kw transmitters sometime during December. From information received from the Engineering Service Radio Nederland transmissions will start with five different programs and "as soon as it is found possible to transmit more than the five programs specified via Madagascar, a fresh scheme will be circulated." These five transmissions are marked with an asterick (\*). The other transmissions listed are the probable ones to begin in January, March, and May of next year.

00.30-01.50	English	S.E. Asia	7.175	January
08.00-09.20	Indonesian	S.E. Asia	17.800	January
09.30-10.50	Dutch	S.E. Asia/W. Australia	17.810	January
11.00-12.20	English	W. Australia	15.195	Mar or May
11.00-12.20	Indonesian	S.E. Asia	17.845	January
12.30-13.50	Dutch	S.E. Asia	21.480	March
12.30-13.50	Indonesian	S.E. Asia	15.330	December*
14.00-15.20	English	South & S.E. Asia	15.330	December*
15.30-16.50	Dutch	Mid East/ S. Asia/Europe	11.895	January*
15.30-16.50	Dutch	E. Africa	9.765	January
17.00-18.20	Dutch	S. Africa	6.020	December*
17.00-18.20	English	E. Africa	9.765	Jan or Mar
18.30-19.50	English	S. Africa	6.020	December*
20.00-21.20	Dutch	No., Ce., We., Africa	15.220	January
21.30-22.50	English	S. Asia	7.175	January

## HOLLAND

R. Nederland: Lopik - This is the remainder of the English schedule (see Madagascar and the Netherlands Antilles). This sked is in effect from November 7, 1971 to March 5, 1972, all xmsns are daily unless otherwise noted.

West Australia, S.E. Asia, Europe;				
09.30-10.50	21.480	17.810	6.020	(Weekdays) English
Europe;				
09.30-10.50	7.275	6.140	6.020	(Sundays) English
South Asia, S.E. Asia, Europe;				
14.00-15.20	21.480	17.810	6.020	English
North America;				
15.30-15.45	21.570	17.875		(Tuesdays and Fridays) English
17.00-17.15	21.630			(Tuesdays and Fridays) "
West Africa, Europe;				
18.30-19.50	21.570	6.085	6.020	English
Eastern North America;				
21.30-22.50	11.730	9.715		(Weekdays) English

## NETHERLANDS ANTILLES

R. Nederland: Bonaire

Eastern North America;				
02.00-03.20	11.730			English
Western North America;				
05.00-06.20	11.730	9.715		English
New Zealand;				
06.30-07.50	11.730			English
08.00-09.20	9.715			"
West Africa, Europe;				
18.30-19.50	17.830			English

A SPECIAL FEATURE COMING SOON!!!!



SPEEDX

STATION SKEDS

SPEEDX

POLAND

Polish Radio: Broadcasts to North America.

United States and Canada;

02.00-03.55 15.275 15.120 11.840 11.615 9.525 7.285 6.135 Polish and English

NIGERIA

Voice of Nigeria: The VON has this sked of its broadcasts.

Central and South America;

13.30-14.30 15.200 French

14.30-15.30 15.200 Hausa

15.30-17.00 15.200 English

18.00-19.30 15.200 English

Europe and the Mediterranean;

05.30-07.30 15.185 English

18.00-19.30 11.770 English

19.30-20.30 11.770 French

West Africa;

05.30-07.30 7.275 English

13.30-14.30 7.275 French

14.30-15.30 7.275 Hausa

15.30-17.00 7.275 English

17.00-18.00 7.275 Arabic

18.00-19.30 7.275 English

19.30-20.30 7.275 French

North Africa;

17.00-18.00 15.200 Arabic

East Africa and the Middle East;

05.30-07.30 15.200 English

13.30-14.30 15.185 French

15.30-17.00 15.185 English

17.00-18.00 15.185 Arabic

SWITZERLAND

SEC: New sked valid from November 6, 1971 to May 6, 1972.

North and Central America;

01.30-02.00 11.715 9.750 9.535 6.120 English

Western North America;

04.00-04.30 9.535 6.120 English

FINLAND

R. Finland: The Finnish Broadcasting Company has this schedule. The 19 meter-band freq. is 100kw and the 25 and 31 meter-band frequencies are 15kw.

Europe;

18.00-18.30 15.185 11.755 9.555 English

North America;

23.00-23.30 15.185 English

GUATEMALA

Radio Cultural: From this Central American missionary station we have this schedule.

Monday thru Saturday:

11.00-03.00 5.955 (TGNA) 9.505 (TGNB) Spanish

03:00-04.30 5.955 (TGNA) 9.505 (TGNB) English

Sunday:

12.00-14.30 5.955 (TGNA) 9.505 (TGNB) Spanish

00.45-04.00 5.955 (TGNA) 9.505 (TGNB) English

Thanks to: Steve d'Adolf-Woburn, MA; Wendell Benedetti-Los Angeles, CA; Alan Brooks-Portsmouth, NH; Oliver Ellsworth-Los Angeles, CA; R. Nederland; Gene Moser-Coloma, MI; Jim Willhight-Snoqualmie, WA; and a mysterious contributor from the University of Colorado Medical Center!

# Utility Chaser's Corner

PAUL MAYO  
2409 Ocean Parkway  
Brooklyn, New York 11235

Deadline:

15th of the month

From The Log

## North & Central America

<u>BARBADOS:</u>	7365	8PX31, C&W Ltd, Carrington w/Eng TT on SSB @1015 (MH)	
<u>BERMUDA:</u>	8105	ZFD36, C&W Ltd, St Georges w/Eng TT on SSB @0310 (SP)	
	11472	ZFD52, C&W Ltd, w/same TT on SSB @ 2155	(RL)
	20660	ZFD95, C&W Ltd, w/same TT on SSB @ 1513	(SH)
<u>CANADA:</u>	2182	Halifax Radio @0605 w/ID on AM	(SH)
	10520	CGC6, COTC, Drummondville w/Eng TT @ 1250 on SSB (JL)	
	10520	CGC6, same at 1945 on SSB	(RL)
	11531	CGB3, same at 1245 on SSB	(SH)
	13745	CGA2, same at 1600 on SSB	(SD)
<u>CANAL ZONE:</u>	11080	NBA, Balboa w/"V" mkr @ 1058 on CW	(MH)
	12105	ACA, Quarry Heights w/Eng TT @ 0150 on SSB	(RL)
	17690	NBA, Balboa w/"V" mkr @ 2050 on CW	(SH)
<u>COSTA RICA:</u>	5360	TEP, Radiografica w/Eng/Sp/TT @ 0155 on SSB	(MH)
<u>CUBA:</u>	10825	CMR21, Havana w/usual bagpipe mkr @ 0423	(SH)
	16062	CLA, IRTS, Havana w/Eng/Sp/TT @ 1428 on RCSSB	(GH)
<u>GUATEMALA:</u>	1613	"RAB", Rabinal w/CW ID mkr @ 0912	(GH)
<u>HONDURAS:</u>	1702	"TMT", Tonoconta, CW ID mkr @ 0520	(GH)
<u>JANACIA:</u>	4560	JITC, w/Eng/TT on SSB @ 0422 Does anyone know	(GH)
		if this is possibly a relay from Grand Turk Is?	(JL)
<u>MARTINIQUE:</u>	10155	FZF5, PTS, Pt de France, w/Fr/TT @ 2235 On RCSSB	(GH)
	10895	FZF9, same w/Eng TT on SSB @ 0630	(JW)
	20083	FZG2, same w/Fr TT on SSB @ 1425	(SH)
<u>NICARAGUA:</u>	12040	YTR, TRT, Managua w/Eng/Sp/TTs of TRT Nicaragua & Panama w/different periods @ 1314 on RCSSB	(GH)
<u>PANAMA:</u>	20727.5	HOD24, TRT w/Eng/Sp/TT @ 1930 on SSB	(SH)
<u>PUERTO RICO:</u>	4446	NAU (USN) w/ count mkr on RCSSB @ 0829	(GH)
	10101.6	WWL20, AACR, San Juan w/Eng TT on SSB @ 0205 same @ 0528 (SH) same @ 0705 (JW)	(RL)
<u>U.S.A.:</u>	2182	USCG San Francisco to CG Radio?? @ 0627	(SH)
	2182	USCG Wood Falls to USS Boyd @ 0622	(SH)
	2182	Stoke Is CG to Baltimore CG on AM @ 0612	(SH)
	4422.2	WMI, Lorain, OH w/ Wx @ 0744 on AM	(GH)
	8789.7	WON, Ft Lauderdale, FLA w/Wx @ 0505 on SSB	(JL)
	9960a	NSS, Annapolis, MD w/AK101 @ 1915 on SSB	(AB)
	10340	WHM50, RCA, San Fran w/Eng TT @ 1540 On SSB	(SH)
	11201	N. Orleans Radio, LA on SSB @ 2037 w/another stn (GH)	
	15723a	ATT, Ft Lauderdale, FLA w/Eng TT @ 1359 on SSB	(JL)
	15752	VOA, Greenville, NC w/ concert mx on RCSSB @ 1629 (GH)	
	16114m	APA, Davidsville, MD w/Eng TT @ 2200 on SSB	(MH)
	17610	WMC47, ATT, Oakland, CA w/Eng TT @ 1125 on SSB	(AB)
	19480	VOA, Dixon, CA w/Eng TT @ 1245 on SSB	(SH)

## South America

<u>BRAZIL:</u>	10714	EMBRATEL, Rio, w/Eng/Pt/TT @ 0640 on SSB	(JW)
	20500a	same @ 2150 on SSB	(SH)
<u>CHILE:</u>	12185t	ENTEL, CEA3E, w/Sp TT @ 0532 on SSB	(SH)
<u>COLOMBIA:</u>	1690	"MDE", Medellin w/CW ID mkr at 0516	(GH)
	15500	HJB, ENTEL, Bogota w/ relay of BC stn w/mx @ 2058 (GH)	
<u>GYANA, FRENCH:</u>	14835	FZC48, PTS, Cayenne w/Fr TT @ 0334 on SSB	(JL)
	15943.5	FZC59, PTS, Cayenne w/Eng TT @ 2058 on SSB	(GH)
	19725	FZC91, PTS, Cayenne w/Fr TT @ 1755 on AM	(AB)
<u>PARAGUAY:</u>	16074	ANTELCO, ZPJ74, w/Eng/Sp/TT @ 0055 on SSB	(JL)
<u>URUGUAY:</u>	22765	CWU22, PTT, Cerrito w/time mkr @ 1320 on SSB	(SH)

## Europe

<u>AZORES:</u>	8967a	Lajes APB wkg Navy 35757 @ 0240 on SSB	(HS)
<u>BELGIUM:</u>	4432	Ostende Radio w/Eng TT @ 0045 on SSB	(SD)
<u>ENGLAND:</u>	13120m	BPO, Portishead w/ Eng TT @ 1649 on SSB	(PM)
	23495	GAA43, BPO, Rugby? w/Eng TT @ 1520 on SSB	(SH)

<u>FRANCE:</u>	13096.5	FPS6, St Lys w/CQ co-mkr w/FPS8 on CW @ 0700	(GH)
	17279.5	FPL36, St Lys, w/Fr MM on AM @ 1605	(AB)
	20900	FTU90, FTS, Paris w/Eng/Fr/TT @ 1515 on SSB	(AB)
<u>GERMANY, WEST:</u>	13027.5	DAL, Norddeich w/"V" mkr @ 0649 on CW	(GH)
<u>GREECE:</u>	17346	SVN3, Athina Radio w/Eng/Grk/TT @ 2048 on SSB	(GH)
<u>ICELAND:</u>	12175	TFJ, Reykjavik w/Eng/Ice/TT on SSB @ 2000(AB)@1710(SH)	(SH)
<u>ITALY:</u>	13015.5	IAR8, Rome w/"V" mkr on CW @ 0653	(GH)
	17293.5	Roma Radio w/Eng/It/ TT @ 1600 on AM	(AB)
	20400	IRS34, ITALCABLE, Rome w/Eng/Fr/It/Sp/TT @ 1735 on SSB (SH) on 20440 (IRW24) @ 1555 (AB)	
<u>NETHERLANDS:</u>	10735	PCL50, PTT,Kootwijk w/Eng TT @ 0130 on SSB	(RL)
	20745	PBN80, PTT,Kootwijk w/Eng TT @ 1335 on SSB	(PM)
<u>POLAND:</u>	7334	SRN7, PTT, Warsaw w/Eng TT @ 0110 on SSB	(RL)
<u>RFSSR, EUROPEAN:</u>	13670	RVW52, Moscow R&T w/Eng TT @ 1205 on SSB	(SH)
	13710	RGD222, Moscow R&T w/Eng TT @ 1321 on SSB	(GH)
<u>SWITZERLAND:</u>	20590	HEF4, Swiss T&T w/Eng/Fr/Sp/TT @ 1520 on SSB	(AB)

<u>Africa</u>			
<u>ANGOLA:</u>	19100t	CPRM, Luanda w/Pt TT @ 1630 on SSB	(AB)
<u>CAMEROUN:</u>	15755	TFJ56, FCR, Douala w/Eng/Fr/TT on SSB @ 1900	(PM)
<u>CHAD:</u>	11608	TTZ6, FCR, Ft Lamy w/Fr TT @ 2028 on SSB	(SD)
<u>DAHOMY:</u>	9207	TYK92, FCR, Contonou w/Fr TT @ 0643 on SSB	(GH)
<u>ETHIOPIA:</u>	14800	AEZ, Asmara w/count mkr @ 2107 on SSB	(GH)
	19700	ETS7A, Imper Bd of Telecom w/ Eng/Amhar/TT @ 1630 on SSB	(AB)
<u>GHANA:</u>	19725	9CN28, Ext Telecom w/Eng/Fr/TT @ 1645 on SSB	(AB)
<u>MAURITANIA:</u>	18978	5TN30,STIMAD, Nouakchott w/Fr TT @ 1553 on SSB	(SD)
<u>SENEGAL:</u>	8896.5	Dakar VOLMET w/wx in Fr @ 0353 on AM	(SH)
<u>SOUTH AFRICA:</u>	13670a	ZUD, w/ Eng/Afr/TT @ 1847 on SSB	(AB)
<u>UPPER VOLTA:</u>	11095	XTA9, FCR, Ouagadougou w/Fr TT @ 2004 on SSB	(SD)

<u>Asia</u>			
<u>AFGHANISTAN:</u>	18658	YAY1,Afghan Telecom w/Eng TT @ 1245 on SSB	(SH)
<u>CEYLON:</u>	18377	OTS, Colombo w/Eng TT @ 1542 on SSB	(SD)
<u>CHINA, P.R.:</u>	10400	R&T Stn, Shanghai w/Eng TT @ 1139 on SSB	(SD)
<u>HONG KONG:</u>	18862.75	ZEO89, C&W Ltd, w/Eng TT @ 1955 on SSB	(SH)
<u>IRAN:</u>	18560	EPJ, PTT, Tehran w/Eng/Fr/Arab/TT @ 1430 on SSB	(SD)
<u>ISRAEL:</u>	15786.2	4XA85, PTT, Tel Aviv w/Eng TT @ 1310 on SSB	(SP)
	19820	4ZL27, PTT, Tel Aviv w/Eng TT @ 1623 on SSB	(AB)
<u>JAPAN:</u>	8000	JC2AE,Tokyo,JY exper time stn w/CW ID @ 0808	(GH)
<u>KUWAIT:</u>	19870.2	9KT37, PTT w/Eng/Arab/TT @ 1427 on SSB	(SD)
<u>PAKISTAN, WEST:</u>	20935	ASA4, Pak T&T w/Eng TT @ 1500 on SSB	(SD)
<u>SYRIA:</u>	20695	PTT, Damascus w/Eng/Arab/TT @ 1520 on SSB	(SD)
<u>YEMEN:</u>	9972.5	C&W Ltd (Aden) w/Eng TT @ 0420 on SSB	(RL)

<u>Oceania</u>			
<u>AUSTRALIA:</u>	8059	VKS5/VKH7,Doonside w/"V" mkr @ 0820 on CW	(GH)
<u>HAWAII:</u>	5715.4m	NFM, Honolulu w/Eng TT @ 0615 on SSB	(MH)
	13029	KHK, Kahuku w/"V" mkr @ 0705 on CW	(GH)
<u>NEW CALEDONIA:</u>	10193	PZM, FTS, Noumea w/Fr TT @ 1245 on SSB	(JL)
<u>REUNION IS.:</u>	12240	PZS22, FTS, Bel Air w/Fr TT @ 2004 on SSB	(SD)
<u>TAHITI:</u>	9927	FZO99, FTS, Papeete w/Fr TT @ 0847 on RCSSB	(GH)

The following people contributed to this months logging and QSL sections:

AB Alan Brooks, Portsmouth, NH	JT Jack Tordoff, Redwood City, CA
AK Andy Kerr, Creswell, ORE	JW Jack White, Gresham, ORE
BB Bruce Boomer, Atlanta,GA	MH Mike "Doc" Harvester, Modesto, CA
BF Bill Flynn, Mt View, CA	MM Mike Macken, Winthrop, MA
CL Chris Lobdell, Reading,MA	PM Paul Mayo, Brooklyn, NY
GH Glenn Hauser, Kelly AFB,TX	*RB Robert Bundy, E. Caroline Is.
HS Hank Slade, Bedford,MA	RL Russ Lay, Virginia Beach, VA
JL Jim Lovell, Louisville,KY	SD Steve d'Adolf, Woburn, MA
	SH Steve Handler, Evanston, ILL
	SP Stephen Page, Sanford, ME

\* indicates late reports!!  
I hope everyone approves of the new format for the UCC (though you can't please everyone!). This was done to save space as we were out to 4pp/month. A hearty welcome to new reporter Hank Slade. Welcome back to Jack White and Glenn Hauser. Be sure to watch for the announcement of the "Utility DXer's Handbook" which will be published by SPER DX soon. Advanced orders will be taken soon!!! Great for the newcomer & experienced DXer alike!!

73s Paul

# UTILITY QSLs

AUSTRALIA: ORET, Sydney, 8757: Sent B&W C & personal L in 12d, V/S William H. Cato; No RP (Lobdell). AORTS, Sydney 19015; Sent C w/freq only & stn info in 23d; No RP (Lay) Sydney Aeradio sent personal L from C.F. Peddel (Kerr)

AUSTRIA: PTA, Linz; Sent C w/date & freq in 2w; 2 IRCs (d'Adolf)

AZORES: Santa Maria CSY; Returned PFC in 1m, for MS & addr lable (d'Adolf)

BELGIUM: Ostende Radio; Sent full data personal L in 1m; also quotes ITU rules, 2 IRCs & addr label, via air. (d'Adolf)

CANADA: Trenton Military (Canadian Air Force) 11209; Sent full data L in 3w. (Handler) COTC, Drummondville: Sent personal L from R.B. Miller in 10d, full data & apology for not having printed QSLs. (d'Adolf)

CHILE: ENTEL, Santiago; Sent personal L from Carlos Camus Espinoza in 2 $\frac{1}{2}$ m via sea for MS. Also enclosed w/pics & stn info. (d'Adolf) (Stevens pics will be featured in SPEE DXs new publication the "Utility DXer's Handbook" which will soon be released!) same in 84d for 18285; 1 IRC (Macken)

CUBA: PTT, Havana, 18180; Sp L w/full data in 6 m for bagpipe mkr; V/S Ing. Joel Raurell. (Handler)

ETHIOPIA: AEZ, Asmara; Sent personal L w/full data in 1w from Don Riggle, MS, (d'Adolf) Imperial Board, 14620; Sent B&W C in Eng/Amharic w/ date & freq in 10d, 2 IRCs, V/S ??? (d'Adolf)

FRENCH GUIANA: PTT, Cayenne, 19171; sent form L in Fr w/full data in 1m; No RP (Lobdell)

GABON: FCR, Libreville, 18856.7; Sent C in 58d for Fr report & IRC (Macken) FCR; C in 3w, w/ full data for MS (d'Adolf)

GERMANY, EAST: Overseas Svce of DDR; Sent C w/full data in 3 $\frac{1}{2}$  m for 2 IRCs & addr label, via sea mail (d'Adolf)

GERMANY, WEST: VOA, Munich, 19480; Usual VOA stating "SSB reception from Munich to Greenville" in 12d (Lay) Deutsche Bundespost, Frankfurt; Sent full data C in 18d, 2 IRCs and addr label (d'Adolf) (Macken)

GREECE: Athina Radio, SVA, 13186; Sent C in 4m w/full data; V/S C. Pliagouras (Handler)

GUADELOUPE: PTT, Pointe-à-Pitre; Sent form L w/full data in 2m via sea for 2 IRCs, Fr report & addr label, V/S ??? (d'Adolf)

GUAM: NPN, 8150; Sent C in 22m for tent report, MS (Boomer)

HAWAII: WVVH, Kauai, 10000; Sent first day C in 17d, date only (Lay)

ICELAND: TFJ, Reykjavik, 12175; Sent attractive PC w/full data in 3m via air; 2 IRCs. V/S Stefan Arndal (Lobdell) same for 3 IRCs in 3 $\frac{1}{2}$ m (d'Adolf)

ITALY: ITALCABLE, Rome, 10915; Sent S. Gabriel C w/ full data & stn info in 1m for 3 IRCs (Lay) Same in 22d for 1 IRC (Mayo)

IVORY COAST: FCR, Abidjan, 12115; Sent form L w/full data in 40d air, Eng report, Fr verie, 3 IRCs (Lovell) INTELCI, Abidjan, 5475; Sent personal L in 11d, air, 1 IRC (Mayo) Thx to d'Adolf for addr!

JAPAN: KDD, Tokyo; Sent full data card in 3m for 4th try; sent MS, pic PC & addr label, air (d'Adolf) Same for 2nd report in 4m (Flynn)

KUWAIT: PTT; Sent form L w/ all data except time in 3w for 2 IRCs (d'Adolf)

LEBANON: PTT, Beirut; Sent full data for letter for 3 IRCs in 2w (d'Adolf)

MALAGASY REPUBLIC: Society des Telecom, Tananarive; Sent Fr personal L in 6w for Fr report, MS, from Le Dir. B. Portron (d'Adolf)

MARTINIQUE: PTT, Pt de France, 17575; Personal Fr L w/ all data in 15d air; V/S A. Soulier, Fr report & MS, addr same as PTS! (d'Adolf)

MAURITANIA: PTT, 18979; Sent personal L & info sheet in 14 d; V/S Abou Guisset; Fr report & MS (d'Adolf)

NETHERLANDS: PTT, Amsterdam, 13732; Sent personal L w/all data but time, air in 11d; 2 IRCs (Lobdell) Scheveningen Radio, 17300.5; Sent L w/all data from Head of Radioservices PTT in 3w (Handler)

NETHERLAND WEST INDIES: GRTA, Aruba; PC w/ personal verie on back, no data, in 2w, 2 IRCs from Pieter C Hooft, Dir. (d'Adolf)

NEW CALEDONIA: PTT, Noumea, 10587; Sent form L w/full data via air in 22d 2 IRCs sent (Lobdell)

PANAMA: IPSS Stn; PFC from IPSS in 10d from S.P. Smith; MS (d'Adolf)

PUERTO RICO: AACR (ITT), San Juan, 10101.6; Usual ITT card, 10d (Lovell) (Mayo)

SAUDI ARABIA: PTT, Jeddah, 9867; Form L w/all data except time (Tordoff)

SURINAM: LIT, 14840; LIT folder w/all data, 25d air, 2 IRCs (d'Adolf)

U.S.A: RCA, San Fran, 18152.5; Letter saying they were in contact w/USS Okinawa during Apollo 15 splashdown (Handler) NY Aeradio; PFC & form letter w/all details in 17d (Brooks) Same in 14d (Mayo) WOU, Boston Mrne Op; PFC in 10 d (Brooks) ATT, Ft Lauderdale, FLA; Usual ATT card in 6d (Brooks) NSS, Annapolis; C w/freq & date in 3w for MS & addr label (d'Adolf)

# UTILITY SPOTLIGHT

EDITOR: Mark L. Koukol, 1232 N. Eagle St., Naperville, IL 60540  
Steven J. Handler, 401 Dewey, Evanston, IL 60202

Next DEADLINE: November 16(or so)

Hello SPEEDXer's! Hope you liked Steve's column last month - this month it's my turn to vie with the business manager of the Loyola University "Phoenix"! Due to some allotment changes, Spotlight is now reduced to one page, so forgive me if I seem a little "squeezed" at first.

## Ocean Stations

No..they're not revivals of Project Mohoe, nor sea bottom labs(how 'bout an article on VLF submarine xmns, Steve?).

Ocean station vessels are ships that maintain assigned geographic positions on the Atlantic and Pacific Oceans, supplying meteorological information and scheduled radio beacon transmissions for aircraft navigation, as well as providing search & rescue service and handling Distress, Urgency, and Safety message classes.

United States ocean station vessels maintain a continuous watch over the frequencies of 500kHz, 121.5 MHz(international air emergency), 126.7 MHz(voice air/surface), 272.7(UHF air/surface), and the international survival craft voice frequency of 243 MHz. The collective callsign for all US ocean stations is NMMZ. In addition, each vessel is assigned a 3 figure callsign 4Y- ending with a letter designator. Each station is identified such as "Ocean Station Charlie" for 4YC, "Ocean Station Bravo" for 4YB, etc. The radiobeacon transmissions consist of a continuous carrier wave with 4 identifying letters superimposed; the first 2 comprising the characteristic signal of the station, the last 2 a code indicating the vessel's position within the 10 mile square at the center of their assigned position. These transmissions are made on various long wave frequencies. In addition, short wave marine frequencies are irregularly used, the most common being 2182 kHz.

US ocean station vessels are Coast Guard ships, which can be reached through the mail via their home port. There are 4 classes of USCG ships on OS patrol. Classes and current amount of ships therein: 378 ft- USCGC Boutwell(NYCQ), Chase(NLPM), Dallas(NPCR), Gallatin(NRPI), Hamilton(NMAG), Mellon(NDIT), Morgenthau(MDWA), Rush(NLVS), Sherman(NMNJ). 255 ft- USCGC Androscoggin(NRVR), Chautauqua(NRUD), Escanaba(NLUR), Klamath(NRUO), Minnetonka(NRUP), Pontchartrain(NRUU), Sebago(NRUF), Waschuset(NRUJ), Winnebago(NRUB), Winona(NRUN). 311 ft- USCGC Absecon(NBNP), Castle Rock(NBZF), Chincoteague(NBOZ), Cook Inlet(NYLW), Gresham(NODB). 327 ft- USCGC Bibb(NRDB), Campbell(NRDC), Duane(NRDD), Ingham(NRDL), Spencer(NRDS), and Taney(NROT).

## Locations(approximate)

### Atlantic

4YB(56-30N, 51-00W)  
4YC(52-45N, 35-30W)  
4YD(44-00N, 41-00W)  
4YE(35-00N, 48-00W)

4YA(62N, 33W)  
4YK(45N, 16W)  
4YI(59N, 19W)  
4YJ(53N, 20W)  
4YM(66N, 2E)

### Pacific

4YV(34N, 164E)  
4YN(30N, 140W)  
4YP(50N, 145W)

PROJECT GAMMA: Get your reports in to Steve right away! Spy xmns hrd here at 0300 on 6710a loud & clear w/female. We have a beam on the location and a tentative QTH... more next month!

AOK QSL #1: Mr. Bill Matthews of Columbus OH notes that he holds the very first voice xmn QSL from USL station AOK in Rota, Spain - not our co-editor as theorized earlier. Bill received the first printed QSL letter, & PPC ever issued several years ago- beating out ace PTP DXer Maarten van Delft of Holland who came up with #2! Nice work Bill- tmx for your letter.

ANTARCTICA: Your intrepid editor still notes Antarctica on 11256.5- US Navy Comm Sta's at McMurdo, Byrd, & South Pole stations hrd on SSB at 0230. Sigs have "polar flutter". Takes patience! Still holding out for McMurdo, Palmer, & Pole QSLs.

NOTE: The "Gamma" xmns are now at 0300, NOT 0400. Deadline for these reports has been extended to Dec. 15.

Sorry no QSL pic this month; no room! 73s & let's hear from you,

*Mark*  
WDXJKV/WB9FKP

# QSL SECTION

CHRISTOPHER LOBDELL  
149 WALNUT STREET  
READING, MASS 01867

DEADLINE: NOVEMBER 15TH

## EUROPE

AUSTRIA: ORF-Vienna, 6155/9770, two scenic cards w/views of Austria by air in 4 months; no return postage. (Page-ME)

BELGIUM: RTB/ORU-Brussels, 9550, usual card, mailbag script and sked by air in 25 days; 1 IRC (Whitehead-MA) same in 18 days for 2 IRCs (Slade-MA)

CZECHOSLOVAKIA: Prague, card of "Thermia Palace" in 2 months; number 7 in series (Lay-VA)

DENMARK: R. Denmark, 15165, usual radiohouse tower card by air in 11 days containing full data; 1 IRC sent (Doherty-CA)

FINLAND: FBC-Helsinki, 15185, sent full data card + sked by air in 18 days; 1 IRC sent (Doherty-CA) 15285, same card in 46 days; no return (Hardester)

FRANCE: ORTF-Paris, 15295, black + white photo card w/full data in 125 days by air; 1 IRC sent. (Brooks-NH)

GERMANY (East): RBI-Berlin, 11890, sent card w/full data in 82 days (Ellsworth-CA)

GERMANY (West): RIAS-Berlin, 6005, card by sea in 43 days. Reported in German w/post card + mint stamps. (Brooks-NH)

<p>Wir bestätigen dankend Ihren Empfangsbericht We acknowledge with thanks your reception report vom ..... über unseren UKW/KW/MW/LW-Sender dated 22.8.71 on our FM/short/medium/long wave auf der Frequenz ..... transmitter on the frequency 6.005 KHZ</p> <p>Wir würden uns freuen, wieder von Ihnen zu hören We would be pleased to receive further reports und wünschen Ihnen weiterhin einen guten Empfang from you and wish you good reception of our unserer Sendungen. Kompliment für Ihre programs. Sprachkenntnisse; wir haben leider keine Wimpel</p> <p>MR freundlichen Grüßen With best regards RIAS-Berlin Berlin-Schöneberg Kufsteinstraße 89</p> <p>Datum: Date: 26.8.71</p>	<p>DRUCKSACHE Printed matter</p> <p>Mr.A.W.Brooks 491 Marcy Street Portsmouth, New Hampshire 03801 USA</p>
---	--

GREECE: NHBI-Athens, 15345, plain white card w/full data in 21 days air. Sent post card + 2 IRCs (Brooks-NH)

INTERNATIONAL WATERS: RNI, 6205, Mebo II card w/personal verie on back in 10 days. Sent registered w/IRC to Hilversum. (Fay-MA)

## QSL SECTION

ITALY: RAI-Rome, 15410, usual antenna card w/full data by sea in 4 months; no IRCs. (Lobdell-MA)

NORWAY: R. Norway-Oslo, 17825, waterfall view card w/full data in 11 days air; no return postage. (Brooks-NH)

POLAND: Polish R.-Warsaw, 6135/9540, sent maroon map card w/full data by air in 52 days; no return postage. (Brooks-NH) 7285/9525/11840/15120/15275, cards in map series w/full data in 4 months by sea; no return postage (Lobdell-MA) 15275, full data map card, letter, + sked by sea in 122 days. Reported w/3 IRCs, post card (Whitehead-MA)

ROMANIA: R. Bucharest, 11940, card w/full data, sked and listener's club info by air in 50 days; 2 IRCs sent (Leonhardt-IN)

SPAIN: RNE-Madrid, 11925, card and sked by sea in 109 days; no IRCs. (Dickey-MN)

USSR: R/S Peace and Progress, 15350, sent usual yellow card in 3 months; IRC sent. (Fay-MA)

VATICAN STATE: Vatican Radio, 15260/21485, 2 cards w/full data by air in 1½ months; no return postage. /s/: Michele Lemme (Lobdell-MA)

YUGOSLAVIA: R. Belgrade, 9620, folder card, pennant, stamps in 14 weeks; no return postage. (Page-ME)

## AFRICA

ALGERIA: RTA-Algiers, 9510, camel card w/full data, sked + report form by air in 74 days. Reported in French w/3 IRCs. (Whitehead-MA)

ANGOLA: R. Clube do Huambo-Nova Lisboa, 5060, the usual no data card w/verie statement only by air in 6 weeks. Reported in Portuguese w/tape and mint stamps. (Lobdell-MA)

CONGO (Democratic Republic): RTNC-Kinshasa, 15245, mimeo letter w/date + frequency in French by air in 108 days. Reported in French w/3 IRCs. (Leonhardt-IN)

CONGO (People's Republic): R. Brazzaville, 15190, folder card w/full data + sked by air in 38 days; 1 IRC sent (Doherty-CA)

GAMBIA: R. Gambia-Bathurst, 4820, mimeo form letter w/verie statement + station info by air in 10 days; 2 IRCs sent + returned. (Fay-MA)

GHANA: R. Ghana-Accra, 11850, card + sked in 22 days; 2 IRCs. (Slade-MA)

IVORY COAST: R-Tv Ivoirienne-Abidjan, 11920, usual card w/note in English after a year. Reported by registered airmail, 3 IRCs. (Perry-IL)

LIBYA: LBS-El Beida, 8630, form letter w/all data except the time by air in 6 weeks; 4 IRCs sent. /s/: Nouri El Sharif, CE (Berg-MA)

MALAWI: R. Malawi(MBC), 3380, form letter w/full data + sked in 18 days; mint stamps sent. /s/: G.K. MacDonald (Zabransky-IL) same in 3 weeks for mint stamps. (Berg-MA)

MOZAMBIQUE: RCM-Lourenco Marques, 11780, usual studio view card stating fqy only by air in 46 days; 1 IRC sent. (Doherty-CA)

## QSL REPORT

NIGERIA: VON-Lagos, 7275, white card w/small green flag for 1 IRC in a month; returned IRC saying not needed. (Fay-MA)

SAO TOME: Emissor Regional, 4807, sent card w/photo of "Cao Grande" containing full data by air in a month. Reported in Portuguese w/mint stamps. (Lobdell-MA)

SENEGAL: R. Senegal-Dakar, 4890, usual stringed instrument card w/full data by air in 28 days. Reported in French w/mint stamps, US stamps (used) and address label (d'Adolf-MA)

SIERRA LEONE: R. Sierra Leone-Freetown, 3316, post card verie w/full data by air in 40 days. Reported in English w/3 IRCs, US stamps (used) and address label. (d'Adolf-MA) 5980, similar card by air in 6 months. Sent tape recording and mint stamps. (Lobdell-MA)

SOMALI REPUBLIC: R. Mogadiscio, 6093, full data card by air in 13 days. Mint stamps, post card + used US stamps sent. (Lovell-KY) same by air in 21 days; mint stamps sent. Chief engineer asked for Apollo 15 stamps. (Zabransky-IL)

SUDAN: SBS-Omdurman, 9505, form letter w/date in a month for 2 IRCs, address label and post card. (d'Adolf-MA)

UNITED ARAB REPUBLIC: R. Cairo, 9475, form letter w/full data, sked by sea mail in 94 days; no IRCs. /s/: Azra (Dickey-MN)

## ASIA

CAMBODIA: R. Nationale Khmere-Phnom Penh, 6090, letter in French after 3 weeks. Sent registered report in French w/\$1.00 bill. /s/: Im Sardeoun, Ministry of Communications (Sizer-CT) Very good, Al. -crl-

CHINA (People's Republic): R. Peking, 15435, card w/date and fqy by air in 46 days; no return postage. (Hardester-CA)

CHINA (Taiwan): VOFC-Taipei, 17720, usual map card, sked, newspaper, post card and pennant by air in 23 days; 1 IRC sent. (Doherty-CA)

CYPRUS: BBC-Limassol, 11910, usual Thames card w/site only + sked by air in 17 days; 1 IRC sent. (Doherty-CA) 15420, same in 2 months (Mayo-NY)

INDONESIA (Celebes + Moluccas): RRI-Ambon, 7140, card in English w/full data (/s/: A. Njongkibaj), and letter in Indonesian (/s/: A.W. Rakimin) by air in 54 days. Reported in Indonesian w/NASWA form, 3.75 IPS tape, post cards, and mint stamps by registered airmail. (Zabransky-IL) same after 3 reports in 13 months. Reported in Indonesian by registered air. (Sizer-CT)

IRAN: R. Iran-Tehran, 15084, long white card w/full data in 3 months by registered sea mail; attractive booklet came too. /s/: E. Golesorkhi. (Berg-MA)

ISRAEL: IBA-Jerusalem, 9625, usual card w/full data by air in a month; 3 IRCs sent. (Catey-IL)

JAPAN: R. Japan, 17825, skating rink card w/no time in 15 days by air; no return postage. (Brooks-NH) same, along w/pennant and other junk by air in 4 weeks; 1 IRC. (Slosman-NY)

JORDAN: R. Amman, 7155, color p/card w/full data by air in 16 days for 2 IRCs. Station wants reports. (Zabransky-IL)



## QSL SECTION

KOREA (South): VOFC-Seoul, 9640, card w/photo of temple containing full data by air in 32 days, sked too. (Doherty-CA)

MALAYSIA: R. Malaysia-Sarawak, 4950, detailed full data card w/photo of studio by air in 8 days: 4 IRCs sent. (Perry-IL)

RYUKYU ISLANDS: VOA-Okinawa, 7165, star card w/all data except the time by surface mail in 13 days; 11¢ stamp sent (Doherty-CA)

SOUTH VIETNAM: VTVN-Saigon 7245, blue + white card w/full data in 6 months. Card number 2 for 1 report, original received in 4 weeks. (Perry-IL)

THAILAND: Thai TV Broadcasting Station-Bangkok, 7107, letter in English w/full data in 1 month by registered airmail; mint stamps sent. Power is listed as 15 kw, not 1 kw as in WRTVH 71. /s/: Mr. Choo Na Lampang, Director. (Berg-MA)

## OCEANIA

AUSTRALIA: ABC-Melbourne, 9680, full data map card by sea in 72 days; no return postage. (Hardester-CA)

ABC-Perth, 9610, usual blue full data card by sea in only 106 days. Sent post card + mint stamps (not used). (Brooks-NH)

R. Australia-Melbourne, 21740, two full data cards by sea mail in 114/116 days; no IRCs. (Dickey-MN)

HAWAII: WWVH-Kauai, 5000, new style folding card w/drawing of native and outline of Kauai by air in 9 days; mint stamps sent but returned. (Brooks-NH) 15000, same card along w/booklet on NBS in 12 days; no return postage. Tape recording sent. /s/: C.L. Trembath (Pappas-IL)

NEW ZEALAND: R. New Zealand-Wellington, 9540, usual card, sked and tourist info by sea in 3 months; 2 IRCs sent. (Lovell-KY)

PAPUA: ABC- Pt. Moresby, 4890, usual full data card by air in 6 weeks; 3 IRCs. (Lovell-KY)

TAHITI: ORTF/R. Tahiti, 15170, sent card w/full data for first day reception of this frequency on April 9th + 2 skeds by air in 85 days. (Wood-LA)

## NORTH AND CENTRAL AMERICA

CANADA: CFCX-Montreal, 6005, card of radio building w/station history containing full data in a month; 1 IRC. (Lovell-KY)

CHU-Ottawa, 7335, card received in 3 weeks; no return postage. (Page-ME)

R. Canada-Montreal, 9625, antenna card received in 2 weeks; no return postage. (Page-ME)

DOMINICAN REPUBLIC: R. Cristal, 5071, sent personal letter giving time, date and verie statement by air in 94 days thanks to Cesar Objio. /s/: Elizardo A. Dickson. (Wood-LA)

EL SALVADOR: R. Nacional/YSS, 5980, small blue + white card, pennant and tourist info in a month. Post card + IRC sent. (Patterson-GA) same card in 45 days air. Reported in Spanish w/IRC, swap card. (Slosman-NY)

GUATEMALA: L/V de Nahula, 3360, card w/full data except time by air in 132 days; no signer. (Wood-LA)

GUATEMALA: TGNA, 5955, card and letter w/full data, sked and used stamps by sea mail in 24 days. Reported in Spanish w/1 IRC. (Doherty-CA) 9505, card, form letter, phamplets, and stamps by air in 6 weeks. Reported in English w/1 IRC, post card. (Slosman-NY)

HAITI: 4VEH-Cap Haitien, 9770, blue map card w/full data by sea in 63 days, 3 IRCs sent. (Hardester-CA)

MEXICO: El Eco de Sotavento-Veracruz, 6020, friendly letter, post card and new pennant in 1.5 months. Also extended invitation to visit station; reported in Spanish. (Calkin-MX)

L/V de Maestro-Mexico City, 6185, friendly letter and pennant in 2 months. Correct address: Dr. Jimenez NO. 344, not 244 as in WRTVH 71. /s/: Profr. Fidel Delgado Casillas, El Jefe de la Oficina. (Calkin-MX)

L/V de Veracruz, 9545, friendly letter in 3 weeks from Juan de Dias Rodriguez, Gerente General extending an invitation to visit station; reported in Spanish. (Calkin-MX)

La Hora Exacta-Mexico City, 9555, letter from Ing. Felipe Gomez B., in 3 weeks; reported in Spanish. (Calkin-MX)

R. Mexico/XERMX-Mexico City, 21705, sent new black and white card w/full data, usual letter and pennant in 1.5 months. Reported in English w/2 IRCs, address label and post card. (d'Adolf-MA) same by registered mail in 38 days. Reported in Spanish w/tape, mint stamps, post card. (Whitehead-MA)

PUERTO RICO: ITT Cable + Radio(utility), 10101½, information card on Puerto Rico w/date only by air in 8 days; 8¢ stamp sent. (Hardester-CA)

WINDWARD ISLANDS: WIBS-Grenada, 11970, large green card w/full data in 6 months; IRC sent. (Fay-MA) same, along w/sked by sea in 55 days, 1 IRC sent. (Slade-MA) 11975, same for 4 IRCs. (Ellsworth-CA) same in 100 days by sea after follow up; mint stamps sent. (Leonhardt-IN)

## SOUTH AMERICA

ARGENTINA: LBQ9(time station), 8167½, Spanish letter in a month for 2 IRCs and Spanish report. Said mine was first from USA. (Sizer-CT)

BRAZIL: R. Difusora de Teresina, 4845, letter in Portuguese and small pennant by registered air in 5 months. Reported in Portuguese with 4 IRCs. (Zabransky-IL)

R. Guaiba-Porto Alegre, 5965, folder card w/photo of city containing full data in English after 83 days. Sent 1 IRC and booklet on Georgia. /s/: Enio Berwanger. (Patterson-GA)

R. Aparecida, 9635, plain card in English w/full data, post card, and small pennant by air in 3 months. Reported in English w/3.75 IPS tape and mint stamps. (Zabransky-IL) Congrats Jim, this has been a tough one to QSL in recent years. -crl-

R. Jornal do Comercio-Recife, 15145, card w/full data, station photos and letter in English by air in 21 days. Reported in Portuguese w/mint stamps. /s/: Artur S. Miranda. (Leonhardt-IN)

COLOMBIA: R. Santa Fe, 4965, color plantation card w/note + verie statement in 2 months. Reported in English w/2 IRCs. /s/: Luisa de Bernal. (Lay-VA)

R. Vision-Medellin, 6105, Spanish letter w/date only + used stamps by air in 11 days; mint stamps sent. /s/: Maria Elena Vasquez (Zabransky-IL)

## QSL SECTION

ECUADOR: Canal Manabita-Portoviejo, 4815, letter, station photo and white pennant by air mail special delivery in 3 weeks. Reported w/mint stamps and post cards. /s/: Ramon Fernandez Cevallos. (Lovell-KY)

L/V del Triunfo, 5955, letter in illiterate Spanish w/verie statement, photos of Colorado Indians + pennant by air in 97 days. /s/: Manuel M. Yanez O, Gerente Propietario. (Wood-LA)

HCJB-Quito, 11745, antenna system card by air in 3 weeks, also sent pennant, sked and stamps; no return postage. (Page-ME)

GUYANA: Guyana BC Service-Georgetown, 3290, form letter w/full data in 7 days by air mail; 1 IRC sent. /s/: M.O. Denny. (Mayo-NY)

R. Demerara, 3265, large card w/date only by air in 17 days; 2 IRCs. (Zabransky-IL)

PERU: R. Atlantida-Iquitos, 4850, friendly Spanish letter by air in 12 days. Reported in Spanish w/mint stamps; also received Peruvian stamps and pennant. (Perry-IL) same in 12 days. Reported in Spanish. (Zabransky)

R. Del Pacifico-Lima, 4975, map/cross card w/full data in a month. Reported in English. (Calkin-MX) 4975/9675, two map cards w/full data for two reports + pennant by air in 14 days. Reported in English w/mint stamps. /s/: Ray Shiffer. (Zabransky-IL)

R. Nacional-Lima, 9562, form letter in Spanish w/date only by registered mail in 3 months. Reported in Spanish w/mint stamps. /s/: Eduardo N. Lindley, Sub-director. (d'Adolf-MA) Excellent Steve, this is a very tough one to QSL. -crl-

R. Tropical-Tarapoto, 4935, long two page letter w/date and verie statement + multicolored pennant by air in 95 days. /s/: Juan Pablo Mori, Gerente Prop. (Wood-LA)

URUGUAY: R. El Espectador, 11835, card w/full data in 2 months. Reported in Spanish w/2 IRCs. /s/: Hector Amengual. (Perry-IL)

THANKS GO TO THE FOLLOWING 24 REPORTERS WHO HELPED ME OFF TO A GOOD START.

Steve d'Adolf-Woburn, MA	Jim Lovell-Louisville, KY
Alan Brooks-Portsmouth, NH	Paul Mayo-Brooklyn, NY
Jerry Berg-Lexington, MA	Steve Page-Sanford, ME
Gregg Calkin-Mexico City, MX	Andrew Pappas-Chicago, IL
Robert Catey-Sycamore, IL	Pat Patterson-Decatur, GA
Donald Dickey-Minneapolis, MN	Ralph Perry-Champaign, IL
Jack Doherty-Santa Barbara, CA	Alvin Sizer-North Haven, CT
Oliver Ellsworth-Los Angeles, CA	Hank Slade - Bedford, MA
Jon H. Fay-Topsfield, MA	Everett Slosman-Endicott, NY
Mike "Doc" Hardester-Modesto, CA	Jim Whitehead-Reading, MA
Russell Lay-Virginia Beach, VA	Dr. Richard Wood-Baton Rouge, LA
Mac R. Leonhardt-Liberty, IN	Jim Zabransky-Elmhurst, IL

Please excuse all the mistakes you may find as this is my first effort as the QSL REPORT editor. Before too long, a report form should be ready for use in reporting to this column. It just needs to be printed, that's all. Look for an announcement in next month's SPEE DX.

If you have any suggestions for possible improvements in this column, why not drop me a line. Return postage is not required but it is always appreciated.

See you next month.

*Chris*

# Special Feature!

Many thanks to Glenn Hauser, who sent us some of his more "unusual" QSL's for inclusion in this issue of SPEEDX. Be sure to hear Glenn's "NORTH AMERICAN REPORT" every 3rd Thursday of the month, over RADIO NEDERLANDS "DK JUKE BOX". Tune in weekly at 0200 GMT on 11.750; or at 0500 GMT on 9.715/11.730 and hear "DK JUKE BOX" at approx. 15 minutes after the hour. Hosted by Harry van Gelder. Glenn's "report" remember is heard every third (3rd) THURSDAY of the month.

Here's a case of a utility station admitting that it was transmitting in a SWBO band!

## UNITED STATES NAVAL COMMUNICATIONS

To Glenn Hauser QSL UR SWL RPT  
 From NPM At 0225Z  
 Of 15389 Kc On 25 Dec. 19 68  
 Remarks Hi Glenn. Except for the standard broadcast, television, and amateur bands, Freqs may be used from DC to infinity. 73's

Signature HMCM DON PIITMAN  
 W7BQI-WAFBN-KKP5049

A prepared card elicited this from a remote pickup station. Try the fascinating 26 MHz band when skip is in!

TO: Glenn Hauser, Denver, CO

This confirms your reception of auxiliary broadcast FM station

# KK2888

KK2888, operating from NYACK, New York.

Power: 140 watts Frequency: 25430 kHz TYPE 20F3

Time: 3:23-3:30 pm EDT Date: 20 September 1969

This station is owned and operated by KKL, New City, NY.

Comments: AM RADIO RELAY LINK, LICENSED FOR MAX. OF 300 WATTS.

THANKS FOR REC. REPT. Walter Johnson, Eng  
 (signed, title)

Careful tuners of the 2 MHz band are rewarded with a constantly changing variety of MW harmonics. How else can one leg Utah on Shortwave broadcast? Here's one that admitted and confirmed its harmonic radiation.

PROVO

UTAH

U. S. A.

P. O. BOX 949

# KOVO

To Glenn Hauser confirming broadcast reception on 960 kilocycles third harmonic 2880 2/12/1968 2 at 6:50pm - 7:30 P m, M.S.T. KOVO operates 5000 watts D, Do-N 1000 watts Daily from 5 am through 12 midnite. Thanks for report.

Glenn K. Shaw, Chief Engineer



ONTARIO

WHEN RECEIVING THIS QUOTE  
THIS FILE NUMBER  
1-10

DEPARTMENT OF LANDS AND FORESTS  
Forest Protection Branch.

Toronto 5.

October 18, 1965.

Mr. Glenn Hauser,  
303 Ash St. N.E. Apt. E27,  
Albuquerque, New Mexico 87106,  
U.S.A.

Dear Sir:

I wish to thank you for your September 26th report on the reception of 9160 Kc/s. transmissions of radio stations XLP 33 (Ceraiddon) and XLP 22 (Toronto).

As you read in Popular Electronics (although we were unaware it was written up) these two stations are part of a 170 station network serving the Ontario Government in general and the Department of Lands & Forests in particular; the latter in connection with Forest Fire Detection & Suppression. Though lacking ten recently added stations, I attach hereto a list of the radio stations and their frequencies.

Ours is not a scheduled operation but rather is one of continuous stand-by with radiograms being transmitted and received upon being filed with the various stations. Toronto (XLP 22) is the control station for the entire network and, through proper utilization of its assigned frequencies, maintains contact with the other stations listed. Its power output is 500 watts while that of the other stations is from 300 downward to 30 watts dependent upon the importance and location of the station to the organization.

It is hoped that the above and the attached will be of assistance in your search for other stations in the Department's network.

Yours very truly,

J.M. Whalen, Chief,  
Forest Protection Branch.

Atch'd.

CEL/GK

PLEASE QUOTE DEPARTMENT FILE NUMBER IN ANY REPLY

# QSL FEATURE

EMBASSY OF THE UNION OF BURMA  
CHANCERY  
2300 S STREET, N. W.  
WASHINGTON D. C. 20008

No. 2269 /U.

August 20, 1971

Mr. Jerome S. Berg  
12 Westgate Drive Apt. 101  
Woburn, Massachusetts 01801

Dear Mr. Berg:

With reference to your letter of May 16, addressed to U Than Pe, Deputy Secretary, Ministry of Information, we wish to inform you that Burma Broadcasting Service Station, Rangoon, has acknowledged and confirmed its broadcasting reception which you have heard over frequency 5.040 kHz on December 21, 1970 at Burma Standard Time 1730 hours to 1845 hours or 1215 GMT.

We regret QSL card is unavailable at the moment due to temporary suspension of the program.

Sincerely yours,



Pe Kyaing  
Second Secretary

PK:ssh

MY THANKS GO TO JERRY BERG OF LEXINGTON, MA FOR THIS RARE ONE

EMISORA CULTURAL  
LUZ Y VIDA

AL SERVICIO DE DIOS Y LA CULTURA TRANSMITIENDO DESDE LA CIUDAD  
DE LOJA EN LA REPUBLICA DEL ECUADOR DOS KILOVATIOS DE  
POTENCIA EN ANTENA. 4785 KILOCICLOS BANDA 63 METROS.

Loja, 7 de junio de 1.971.

Dr. Richard E. Wood,  
Baton Rouge,

Estimado doctor Wood:

De entre los numerosos reportajes que hemos recibido en esta emisora, desde distintas latitudes del globo, el suyo, nos ha resultado verdaderamente interesante, pues los cumplimientos que nos dedica, nos alegran y alientan, con saber que tenemos en Ud. un amigo oyente lleno de cultura, no menos que de bondad. El recorte del diario "El Despertador", del jueves 29 de abril, que nos envía, nos confirma en que es verdad que los hombres de verdadero valor, no desprecian lo pequeño.

Y bueno, ha sido también un gusto para nosotras el conocer que a través de esta emisora, pueda el profesor Alfredo Lozada, recibir noticias de la Patria Chica y estar en contacto con su poético terruño.

En cuanto a su reportaje es exacto, como Ud. puede comprobar, en el programa radial del presente año, por el cual nos regimos. La frecuencia, es exactamente la de 4.825, y justamente el día 14 de mayo, nuestros equipos fueron revisados por el técnico constructor, con lo que la frecuencia que oficialmente usamos, quedó perfectamente calibrada, de manera que el día 26 de mayo, como Ud. indica dominó una frecuencia bien modulada. La frecuencia de 4.735 que anteriormente teníamos, estaba llena de interferencias, por lo que solicitamos y obtuvimos cambio; igualmente acá, así como Ud. indica de Baton Rouge, no tenemos interferencia alguna. En cuanto a la hora, 5.57 en que Ud. nos sintonizó con música ligera, el dato se encuentra perfectamente confirmado, ya que nuestra música de sintonía, es como Ud. indica: música ligera, comenzando desde las 5.45.

Como Ud. ha podido darse cuenta, nuestra emisora es católica-cultural, aunque por no recibir apoyo alguno económico, tiene que ser también comercial. La estableció en esta ciudad el año 1.968, el sacerdote español: Padre Julián Lorente L. fundador de una Congregación Diocesana denominada "Misioneras Sociales de la iglesia", quienes, asesoradas por personal seglar, llevamos adelante esta obra en beneficio de nuestro pueblo. Contamos con la colaboración en programas de "La Voz de América", "La Voz de Alemania católica" y "La Voz de Los Andes" ( programas musicales).

Su carta-reportaje, fué recibida aquí el día jueves 3 de junio y esa mismo día leído en el informativo de las 8 de la noche.

Esperamos incluya a Emisora Luz y Vida en la nómina de emisoras de América Latina y nos haga llegar el boletín "Como escuchar al mundo", esto le pedimos como un grande favor que nos hará; igualmente podría enviarnos cualquier colaboración que mejore nuestros programas, ello será muy bien recibido. Le enviamos hoy además esa fotografía de Loja.

El Padre Julián Lorente y sus Religiosas, juntamente con todos los que hacemos esta Emisora, le saludamos.

cordialmente, en Cristo.

Misioneras Sociales de la Iglesia.

P.D. Nuestro referente se llama Sr. Ernesto Jimenez L.

Indíquenos el día y hora en que pueda receptor un programa corto dedicado a Ud. podría ser a las 9.10 de la noche.

# SPEEDX

The Official DX Bulletin published monthly by the -

"Society for the Preservation of the Engraving Enjoyment of DXing"  
+-----+  
Art Glover - Port Angeles, WA - President  
Jack White - Gresham, OR - VP Pro/tem & Special Serv.  
Dave Thorne - Santa Ana, CA - Secretary/Treasurer  
Bill Flynn - Mt. View, CA - QSL Section Editor  
Carroll R. Patterson - Decatur, GA - SWBC DX - Editor  
Chris Lobdell - Reading, MA - SWBC DX - Asst. Editor  
Steven d'Adolf - Woburn, MA - SWBC DX - Asst. Editor  
Robert Butterfield - Belmont, MA - SWBC DX - Asst. Editor  
Paul Mayo - Brooklyn, NY - Utilities Editor  
Mark Koukel - Naperville, IL - Utilities Asst. Editor  
Steven J. Handler - Evanston, IL - Utilities Asst. Editor  
Serge C.P. Neumann - Anderson, IN - Editor - DX Montage  
William Sparks - San Francisco, CA - Editor - DX Montage  
Mark Konen - Mequon, WI - Contributing Editor  
+-----+

**SPEEDX**  
P.O. Box 321  
SANTA ANA, CALIF. 92702  
U.S.A.  
ADDRESS CORRECTION REQUESTED

SUBSCRIPTION RATES (PER YEAR):  
Via first class mail to U.S., CANADA, & MEXICO - \$10.00 US  
FOREIGN: Please write for rates. Available via Air or Seamail.  
SAMPLE COPY: - postpaid worldwide - (airmail) \$ 1.00 US  
BACK ISSUES: - available as supply lasts - ppd \$ 1.00 US  
INTERNATIONAL ADDRESS:

SPEEDX  
P.O. BOX 321  
SANTA ANA, CALIFORNIA 92702  
U.S.A.

MAKE ALL CHECKS, MONEY ORDERS, & BANK DRAFTS PAYABLE TO: **SPEEDX\*\***

SPEEDX grants permission to reproduce articles and information contained herein, either for publishing and/or broadcasting; PROVIDING that credit is given to SPEEDX and that SPEEDX, PO Box 321, Santa Ana, Calif. 92702 is mentioned. Permission cannot be granted by SPEEDX for articles/information contained herein that SPEEDX has used by permission from other sources, which are listed as "used with permission". Thank you.

The accuracy of station listings and loggings in SPEEDX cannot be guaranteed due to the frequently changing schedules of many stations

PRINTING BY --- KWIK PRINT, Santa Ana, California 92701 U.S.A.

**FIRST CLASS MAIL**